



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-530/Ch. 190+780/NOC/ 1443

Dated: 27/06/2022

INVITATION OF PUBLIC COMMENTS

Sub: Proposal for permission of underground crossing of 2 Nos, 33 KV, 3 X 300 SQ.mm XLPE insulated Cable by HDD method at Km. 190+780 on NH-530 (Old NH-24) (Moradabad Bareilly Section), at Shahzad Nagar, Tehsil - Sadar & District - Rampur in the State of UP.

Executive Engineer, Electricity Distribution Division -IIIrd PVVNL, Rampur has submitted the proposal for the permission for permission of underground crossing of 2 Nos, 33 KV, 3 X 300 SQ.mm XLPE insulated Cable by HDD method at Km. 190+780 on NH-530 (Old NH-24) (Moradabad Bareilly Section), at Shahzad Nagar, Tehsil - Sadar & District - Rampur in the State of UP.

2. 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 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 226010

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

Encl: As above.


(N.P. Singh)
Dy. GM (Tech)

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. Executive Engineer, Electricity Distribution Division -IIIrd PVVNL, Rampur- for information.
4. PD, PIU- Moradabad - for information.

CHECK LIST

Guidelines for Project Directors for processing the proposal of crossing /laying optical fiber/ HT cables/ Water supply pipe line etc. by private parties in the land along National Highway with NHAI.

Relevant circulars

Ministry Circular No. RW/NH-33044/29/2015/S&R (R) Dated 22.11.2016.

Ministry Circular No. RW/NH-33044/27/2005/S&R(R)(Pt.) Dated 06.08.2013

Check-list for getting approval for Crossing HT cable on NH land

S. No.	Item	Information/Status	Remarks
1.	General Information		
1.1	Name and Address of the applicant/Agency	Office of the Executive Engineer, Electricity Distribution Division, PVVNL, Milak, Rampur. ✓	
1.2	National Highway Number	NI-I-530 (Old NH-24) ✓	
1.3	State	Uttar Pradesh ✓	
1.4	Location	District- Rampur ✓	
1.5	(Chalnges In KM)	crossing Km. 190+ /80 ✓	
1.6	Length in Meters	60m ✓	
1.7.	Width of available ROW		
	(a) Left side from centre line towards increasing chainage/km direction	30.00m ✓	
	(b) Right side from centre line towards increasing chainage/km direction	30.00m ✓	
1.8	Proposal to lay the electrical cable		
	(a) Left side from centre line towards increasing chainage/km direction	NA ✓	
	(b) Right side from centre line towards increasing chainage/km direction	NA ✓	
1.0	Proposal to acquire land		
	(a) Left side from centre line.	Not required ✓	
	(b) Right side from centre line.	Not required ✓	
1.10	Whether proposal is in the same side where land is not to be acquired	Not required ✓	
	If not then where to lay the cable	Within available ROW ✓	

Gurwinder Singh

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


Executive Engineer
Electricity Distribution Division-IIIrd
PVVNL, Rampur

1.11	Details of already laid services, if any, along the proposed route	No ✓	
1.12	Number of lanes (2/4/6/8 lanes) existing	4-lanes ✓	
1.13	Proposed Number of lanes (2 lanes with paved shoulder/4/6/8 lanes)	6-lanes ✓	
1.14	Service road existing or not		
	If yes then which side		
	(a) Left side from centre line.	Existing Service Road ✓	
	(b) Right side from centre line.	Existing Service Road ✓	
1.15	Proposed Service Road		
	(a) Left side from centre line.	Not proposed ✓	
	(b) Right side from centre line.	Not proposed ✓	
1.16	Whether proposal to lay cable is after the service road or between the service road and main carriageway	Extreme edge of RoW ✓	
1.17	The permission for laying OFC / HT cables/ pipe line shall be considered for approval/rejection	For approval ✓	
	(i) Where the ROW is more than 45m then the duct cable shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening.	Extreme edge of RoW ✓	
	(ii) Where land is yet to be acquired for 4-laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4-laning.	Not required ✓	
	(iii) Where the widening plan for 4-laning is not yet decided and available ROW is around 30m or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5m to 2 m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans.	4-laning has been completed. ✓	

Gurwinder Singh

[Signature]
 परियोजना निदेशक / Project Director
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
 National Highway Authority of India
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[Signature]
 Executive Engineer
 Electricity Distribution Division-IIIRD
 PVVNL, Rampur

	(iv) Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in currying through hilly, rolling terrain) the cable shall be laid clear of the drain.	Plain terrain (Edge of ROW) ✓	
	(v) Where land strip for utility corridor cannot be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.	available ✓	
1.18	Number of applicants of the same stretch.	Single applicant ✓	
1.19	Whether the case of multiple licenses.	Single ✓	
1.20	If so furnish a joint implement programmer to lay their respective ducts within stipulated time frame.	No	
1.21	If crossing of the road involved If yes, it shall only be through trench less technology	Yes, it shall only be through HDD method ✓	
2.	Document/drawing enclosed with the proposal.		
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.65m deep x 0.5m wide)	Shown in drawing 	
2.2	Cross section showing the size of pit location of pipe line for HDD method	NA	
2.3	Strip plan / Route Plan showing the OFC/ pipe line, chainage, width of ROW, important mile stone, intersections, cross drainage works etc.	Shown in drawing ✓	
2.4	Mythology of laying of HT cable	enclosed ✓	
2.4.1	Open trenching method. If, yes, methodology of refilling of trench.	Trench less ✓	
2.4.2	Horizontal Directional Drilling (HDD) method	Yes, through HDD	
2.4.3	Laying OFC/ HT cable through CD works and method of laying (Whether to be hung outside	NA ✓	

*Gurinder
S.M.*

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

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Executive Engineer
Electricity Distribution Division-IIIrd
PVVNL, Rampur

	parapet)		
3.	Draft license agreement signed by two witnesses	Yes ✓	
4.	Performance Bank Guarantee	✓	
5.	Affidavit/ Undertaking/ from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes, enclosed	
5.2	Renewal of Bank Guarantee.	NA	
5.3	Confirmation all standard condition of NHAI guidelines.	Yes, enclosed	
5.4	Shifting of water pipe line as and when required by NHAI.	Yes, enclosed	
5.5	Shifting due to 6-laning / widening of NH.	Yes, enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes, enclosed	
5.7	Traffic movement during laying of water pipe line to be managed by the applicant	Yes, enclosed	
5.8	If any claim is raised by the Concessionaries then the same has to be paid by the applicant.	Yes, enclosed	
5.9	Certificate for 6-laning from the applicant in following format. "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 NHAI for future six-laning or any other development."	Yes, enclosed ✓	
6.	Affidavit /Power of Attorney in favor of authorized signatory.	Affidavit enclosed	
7.	Copy of DOT license	No, HT cable ✓	State Govt. project
8.	Certificate from the Project Director	Yes, enclosed	
8.1	Certificate from confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/27/2005/S&R(R)(Pt.) dated 7/8/2013 & dated 22.11.2016	Yes	

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

Executive Engineer
Electricity Distribution Division-II
PVVNL, Rampur

8.2	Certificate for 4-laning from PD in the following format	Already 4-lane ✓	
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed 6-laning base on the feasibility report considering proposed structure at the said location.	NA ✓	
	(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodate proposed 6-laning".	NA ✓	
9	As per guidelines license fee shall be charged.	Department will pay fee after issuing demand note ✓	
10	If NH section proposed to be taken up NHAI on BOT basis –a clause in para 17 to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right of way to the concessionaire under the concession agreement for upgradation of [... Section From Km.....to kmof NHAI No..... on Build, Operate and Transfer Basis]	NA ✓	
11	Who will supervise the work of laying of HT cable	Office of the Executive Engineer, Electricity Distribution Division, PVVNL, Milak, Rampur. ✓	
12	Who will ensure that the defects in road portion after lay of water pipe line are corrected and if not corrected then what action will be taken.	Office of the Executive Engineer, Electricity Distribution Division, PVVNL, Milak, Rampur. ✓	
13	Who will pay the claims for damages' done/disruption in working of concessionaire if asked by the Concessionaire.	Office of the Executive Engineer, Electricity Distribution Division, PVVNL, Milak, Rampur. ✓	
14	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed performa (copy enclosed) issued	Yes ✓	

Governder
SD

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

Executive Engineer
Electricity Distribution Division-IIIRD
PVVNL, Rampur

	vide Ministry Circular RW/NH-33044/29/2015/S&R(R)(Pt.) Dated 22/11/2016		
15	If any previous approval is accorded for after lay of HT cable then photocopy if register of records of permissions accorded as maintained by PD (as per Ministry Circular RW/NH-33044/29/2015/S&R(R)(Pt.) Dated 22/11/2016) as referred in para 13 above is enclosed or not.	NA ✓	

Guaranteed
Sm

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

M
Executive Engineer
Electricity Distribution Division-IIIrd
PVVNL, Rampur



**OFFICE OF THE EXECUTIVE ENGINEER
ELECTRICITY DISTRIBUTION DIVISION
MILAK, RAMPUR.**

Methodology for Crossing of Road by Horizontal Directional Drilling (HDD)
Method

1. Non-digging technology is a new technology of underground HT cable developed in the recent years. Using this technology, we can lay, fix, change and detect the underground HT cable without digging. The technology has the advantages of no damage of environment, no dirt-pollution, no interruption traffic, no break of pavement structure, high laying precision, short working period and high safety of construction.
2. The technology can be widely used for laying, changing and detecting the underground canals, which go through pavements (National Highways/ Roads), railway lines, river lakes, streets and buildings. The available field includes electricity, telecommunication, water supply, sewage, cable TV, ADSL and other piping divisions.
3. Horizontal Directional Drilling (HDD) is a trenchless technology that has the capacity to install a wide variety of pipe materials/ HT cable into the ground. This technique allows for great design flexibility as installation paths, or bore paths, may be curved or straight, with the path changing direction and depth to avoid subsurface obstacle.
4. The HT cable shall be laid as per National Standards. The HT cable will be laid at a minimum cover depth of 1.65m to 2.50 meter through HDD method in order to avoid disruption of traffic and to avoid in convenience to public at large.
5. Underground Crossing 2nos 33KV, 3X300 Sq.mm. XLPE insulated Cable.

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PVVNL, Rampur

6. Laying of the HT cable at a depth of 1.65m to 2.50 meter is envisaged for avoiding any kind of disruption to Highways Authority in case of any work as and when desired by the Authority.

7. The Crossing of HT cable including testing and commissioning will be carried out by us in accordance with the specifications.

8. Restoration of HDD pit shall be carried out as per its original conditions and after desired settlement of the pit soil.

~~Executive Engineer~~
~~(Executive Engineer)~~
~~Electricity Distribution Division-IIIrd~~
~~Electricity Distribution Division~~