

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: 02.01.2026

Invitation of public comments

**Sub.: Proposal for laying U/G electrical Cable/crossings by HDD method at Km.127.505 & 131.220 of NH-730C in district Shahjahanpur in the state of Uttar Pradesh - Reg.**

Madhyanchal Vidhyut Vitran Nigam Limited has submitted the proposal regarding NOC permission for laying U/G electrical Cable/crossings by HDD method at Km.127.505 & 131.220 in district Shahjahanpur in the state of Uttar Pradesh to PD, PIU, Shahjahanpur for consideration.


2. The above proposal has been examined in this office in light of Ministry guidelines issued vide OM no.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016 & NH-36094/01/2022-S&R (P&B) dated 24.04.2023. 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 (checklist enclosed) 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.

Encl.: As above.

Yours faithfully,



(Ritesh Yadav)

Assistant Executive Engineer  
for Chief Engineer - Regional Officer

**Copy to:**

- (i) NIC, New Delhi - for uploading on the Ministry's website.



(Ritesh Yadav)

Assistant Executive Engineer  
for Chief Engineer - Regional Officer

## CHECK LIST

**Check List of getting approval for laying of 11 KV Underground Electrical Cable across Two Lanning of Katra-Khudaganj Section of National Highway No.-730C.**

### Relevant Circulars

Ministry Circular No. RW/NH-33044/29/2015/S&R (R) Dated- 22/11/2016

S.No.	Item	Information/Status Given By Applicant
1		
1.1	Name and Address of the Applicant/Agency	Office of the Executive Engineer, Madhyanchal Vidyut Vitaran Nigam Limited, EDD, Tilhar, Shahjahanpur-U.P., -242307
1.2	National Highway Number	N.H.-730 C
1.3	State	Uttar Pradesh
1.4	Location	Near Sharda Feeder Canal, Khudaganj Rural Feeder., Shahjahanpur -U.P.
1.5	(Chain age in KM)	127+505 (Katra-Khudaganj Section)
1.6	Length in Meters	30 M
1.7	Width of available ROW	
	(a) Left side from Centre line towards increasing Chain age/KM direction.	15 M
	(b) Right side from Centre line towards increasing chain age/KM direction	15 M
1.8	Proposal to lay the OFC Cable	
	(a) Left side from Centre line towards increasing Chain age/KM direction.	NA
	(b) Right side from Centre line towards increasing chain age/KM direction	NA
1.9	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.	N/A
	If not then where to lay cable	Within Available ROW

  
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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	2-Lane
1.13	Proposed Number of Lanes (2 Lanes with paved shoulder/4/6/8 Lanes)	Not Proposed
1.14	Service Road existing or not, if yes then which side	
	(a) Left side from Centre Line.	Does Not Exist
	(b) Right side from Centre line.	Does Not Exist
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 of UG Electrical Cable shall be considered for approval/rejection based on the Ministry Circles mentioned as above.	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, dully 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 2 M 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 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2M of utility corridor at the edge of existing ROW, dully keeping in view the possible widening plans.	N/A

  
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	(iv) Where ROW is restricted and adequate only to accommodate the carriageway, Centre verge, shoulders and drains(e.g. Highways in currying through hilly, rolling terrain) the Cables shall be laid clear of the drain.	N/A
	(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
1.19	Whether the case of multiple licenses.	NIL
1.20	If so furnish a joint implement programmer to lay their respective ducts within stipulated time frame.	N/A
1.21	If crossing of the Road involved, if yes, it shall only be through trenchless technology.	Yes
	a) Existing drainage structures shall not be allowed to carry the lines.	YES
	b) Is it on a line normal to NH.	YES
	c) Crossing shall not be too near the existing structure on the National Highway, the minimum distance being 15 Meters. What is the distance from the existing structures ?	YES (Distance of crossing from structure)
	d) The casing pipe (or conduit pipe in the case of electric cable ) carrying the Utility Lines shall be of steel, cast iron or reinforced cement concrete, and have adequate strength and large enough to permit ready withdrawal of the carrier pipe/cable.	YES Casing Pipe
	e) The Casing/ Conduit pipe should, as to minimum extend from drain to drain cuts and toe of slope in the fills.	YES
	f) The top of the Casing/Conduit pipe should be at least 1.2 Meter below the surface of the Road.	YES
	g) Crossing shall be by boring method(HDD) especially where the existing Road pavement is of cement concrete or dense bituminous concrete type.	YES

  
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	h) 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 a waterway along it.	YES 160 MM HDPE Pipe
2.	Document/Drawing enclosed with the Proposal.	Drawing Enclosed
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.65Mdeepx0.5M wide) should single clit overhead line not be greater than 1.2M in width in multiple ducts.	N/A
2.2	Cross Section showing the size of pit and location of cable for HDD Method	YES
2.3	Strip Plan/Route Plan showing the Electrical Cable crossing chainage , width of RoW, distance of proposed cable from edge of RoW, Important Mile Stone, Intersections, cross drainage work etc.	YES ENCLOSED.
2.4	Methodology for laying of OH Electrical Cable/Line	N/A
2.4.1	Open trenching method, (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, methodology of refilling of Trench.	N/A
	a) The trench width should be at least 30 CM, but not more than 60CM wider than the outer diameter of the pipe.	YES
	b) For filling of trench, bedding shall be to a depth of not less than 30CM. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value unsuitable soil and rock edged should be excavated and replaced by selected material.	N/A
	c) The backfill shall be completed in two stage: (1) Side fill to the level of the top of the pipe. (2) Overfill to the bottom of the Road crust.	N/A
	d) The Side fill shall consist of granular material laid in 15CM layers each consolidated addition of moisture to 95%	N/A

  
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	of the proctor's Density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	
	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) Excavation shall be protected by flagman, agreed signs and barricades, red lights during night hours.	YES
2.4.2	Horizontal Direction Drilling (HDD) method of Laying.	YES.
2.4.3	Are the proposed structure is in NH boundary.	Outside NH Boundary
	a) On approaches, the water mains/cables shall be carried along a line as close to the edge of the RoW as possible up to a distance of 30 CM from the bridge and subject to all other stipulations contained in the Ministries Guidelines issued with letter No. NH-HI/P/66/76. Dated 19-11-1976.	YES
3.	Draft License Agreement signed by Two Witness.	YES
4.	Performance Bank Guarantee.	YES
4.1	Performance Bank Guarantee as per above is to be Obtained.	BG shall be submitted as soon as permission Obtained.
4.2	Confirmation of BG has been obtained as per NH Guidelines.	YES
5.	Affidavit/ Undertaking from the applicant for the following is to be furnished.	
5.1	Not to damage to other utility, if damaged then to pay the losses either to NH or to the concern agency.	YES
5.2	Renewal of Bank Guarantee	N/A
5.3	Confirming all standard conditions of NH Guidelines.	YES
5.4	Shifting of OH Electric Lines as when required by NHAI at their own cost of agency owing the Line	N/A
5.5	Shifting due to 6 Lanning/Widening of NH.	YES

  
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5.6	Indemnity against all damages and claims (clause-xxiv)	YES
5.7	Traffic movement during laying of UG Electric cable to be paid the applicant.	YES
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant.	YES
5.9	Prior approval of the NH shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the showing of UG Electric Line located in the NH RoW.	YES
5.10	Expenditure , if any incurred by NH for repairing any damage caused to the NH by the laying, maintenance or shifting of the cable will be borne by the agency owing the Line.	YES
5.11	If the NH considers it necessary in future to move the OH Electric line for any work of improvement or repairs to the Road, it will be carried out as desired by NH at the cost of the agency owing the Electric Line & UG Crossing within the reasonable time (not exceeding 60 days) of the intimation given.	YES
5.12	Certificate from the applicant in the following format: 1- For 6 Lanning "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 for future 6- Lanning or any other development."	YES
6	Who will sign the Agreement on behalf of UG Electric Line Agency.	Executive Engineer, EDD, Tilhar, MVVNL, Shahjahanpur-U.P.
7	Open trenching method. If yes, methodology of refilling of trench.	Trenchless
8	Certificate from the Project Director	
8.1	Certificate for the confirming of all standard condition issued vide Ministry Circular No. NH-41(58)/68 Dated 31-01-1969, NH-III/P66/76 Dated 18/19-11-1976, Circular No. RW/NH-III/P/66/76 Dated 11-05-1982, Circular No. RW/NW-11037/1/86-DOI Dated 28-07-1993, Ministry Circular No. RW/NH-11037/1/86-DOI Dated 19-01-1995, Circular No. RW/NH-34066/2/95/5 & R Dated 25-10-1999, Circular No. RW/NH-34066/7/2007 S&R Dated 17-09-	YES

  
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	2003, Circular No. RW/NH-33044/29/2015/ S&R Dated 22-11-2016 & Circular No. RW/NH-36094/01/2022/ S&R (P&B) Dated 17-04-2023	
8.2	Draft License Agreement Signed by Two Witnesses	Yes
8.3	<p>Certificate from PD in the following Format:</p> <p>(1) "It is certified that any other Location of the UG Cable would be extremely difficult and unreasonable costly and the installation of UG Cable within RoW will not adversely affects the design, stability and traffic safety of the Highway nor the the likely future improvement such as widening of the carriageway, easing of curve etc.</p> <p>(2) For 6- Lanning:-</p> <p>a) Where feasibility is available " I do certify that there will be no hindrance to proposed Six-Lanning based on the feasibility report considering proposed structures at the said location."</p> <p>b) In case Feasibility report is not available "I do certify that sufficient RoW is available at site for accommodation proposed 6-Lanning."</p>	Agreed
9.	If NH Section proposed to be taken up by Authority 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 Cable/Duct has also been granted as a right of way to the concessionaire under the concession agreement for upgradation of (Shahjahanpur-Bareilly) Section of NH-30( on build, operate and transfer basis) and therefore, the License shall honour the same.	Agreed
10.	Who will Supervose the work of Laying UG Cable.	
	a) On behalf of applicant.	Executive Engineer,EDD, Tilhar, MVVNL, Shahjahanpur, Division.
	b) On behalf of NH	As designated by Authority.
11.	Who will ensure that the defects in Road portion after laying of underground cable are corrected and if not corrected then what action will be taken.	

  
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	a) On behalf of applicant	Executive Engineer, EDD, Tilhar, MVVNL, Shahjahanpur-U.P.
	b) On behalf of NH	As deputed by Authority
12.	Who will pay the claims for damages done/ disruption in working of concessionaire, if asked by Concessionaire.	Executive Engineer, EDD, Tilhar, MVVNL, Shahjahanpur- U.P.
13.	A certificate from PD that he will enter the proposed permission in the register of record of the permission.	Yes
14.	If any previous approval is accorded for laying of Underground Cable then copy of register of records of permissions accorded as maintained be enclosed.	N/A

  
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