



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

क्षेत्रीय कार्यालय : एफ-120, जनपथ, श्याम नगर, जयपुर-302019

Regional Office : F-120, Janpath, Shyam Nagar, Jaipur-302019

Tel. (O) / फोन : (ऑ.) 0141-2292056, 2292049

E-mail / ई-मेल : rojaipur@nhai.org Web. / वेब : www.nhai.gov.in



क्रमांक: NHAI/18013/1/2021-ROJ/Permission-Laying OH Electric Cable/315/NH-48, km 277.870 to 278.804/2652 दिनांक: 02.12.2024

INVITATION OF PUBLIC COMMENTS

- विषय: Proposal for grant of permission for laying overhead electric line through overhead electric pole method of proposed public utilities services on Chittorgarh-Udaipur road section of NH-48 (old NH-27) at Km. 277+870 to 278+804 (LHS) at Village-Navaniya & Menar, Tehsil-Vallabhnagar, Dist-Udaipur by AVVNL - reg.
- सन्दर्भ: (i) Ex. En.(O&M), AVVNL, Bhinder letter no. Nil dated 09.08.2023, letter dated 03.11.2023 and letter dated 07.12.2023.
(ii) PD, PIU-Udaipur letter no. NHAI/UDR/Elect.O-line/NH-48/277+870 to 278+804/2023/1458 dt. 21.12.2023 (received on 22.12.2023).

Sir,

It is to inform all concern EE, (O&M), AVVNL, Bhinder vide letter cited under ref. (i) above has submitted a proposal for the subjected work and PD, NHAI, PIU, Udaipur has submitted the above proposal vide letter under reference (ii) for approval of the Competent Authority, Highway Administration.

- The proposal is for grant of permission for laying overhead Electric Line through electric pole method of proposed public utility services on Chittorgarh-Udaipur road section of NH-48 (old NH-27) at Km. 277+870 to 278+804 (LHS) at Village-Navaniya & Menar, Tehsil-Vallabhnagar, Dist-Udaipur by AVVNL.
- As per Para-4 of Ministry's Circular No. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administration 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, before approval of the competent authority, the comments/objections of affected public is hereby invited with reference to the Ministry's circular dated 22.11.2016 due to laying Electric Cable along/across the subjected project stretch. The objections/comments may be addressed to the below mentioned address upto 01.02.2024, beyond due date, no comments/objections will be accepted.

The Regional Officer, Regional Office - Jaipur
National Highways Authority of India,
F-120, Janpath, Shyam Nagar, Jaipur (Raj.)-302019,
Tel : 0141-2292049, 2292054 Email : rojaipur@nhai.org

This issues with the approval of Highway Administration-cum Regional Officer, NHAI, Jaipur

सर्वदीय,
(मनोज खोड़ा)
प्रबन्धक (तकनीकी)

- Copy to: (i) Web Admn., NHAI, HQ, New Delhi - for uploading in NHAI's website [web-admin@nhai.org]
(ii) Director, NIC, New Delhi - for uploading in Ministry's website. [rahu.sh@nic.in]
(iii) PD, PIU-Udaipur: for information.
(iv) EE, (O&M), AVVNL, Bhinder: for information.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

परियोजना कार्यान्वयन इकाई, उदयपुर, प्लॉट सं. 465, सरस डेयरी के पास, गोवर्धन विलास, उदयपुर (राज.) 313001

Project Implementation Unit, Udaipur, Plot No. 465, Near Saras Dairy, Goverdhan Villas, Udaipur (Raj.) 313001

दूरभाष/Phone : (0294) 2980801, 2980802 ई-मेल/Email: uda@nhai.org



6

NHAI/UDR/ Elect.O-line/NH-48/277+870 to 278+804/2023/ 1458

21.12.2023

The Regional Officer,
National Highways Authority of India,
Regional Office,
F-120 - Janpath, Shyam Nagar
JAIPUR - 302019

MIDMK



Sh. Vangal

Sub: Permission for Laying Overhead Electric Line through overhead electric pole method of Proposed Public Utilities Services on Chittorgarh-Udaipur road Section (NH-48) (old-NH-27) at Km.Ch.277+870 to Km.278+804 (LHS) at village Navaniya & Menar, Tehsil Vallabhnagar, Distt. Udaipur in the State Rajasthan- Reg.

- Ref:**
- Executive Engineer (O&M), Ajmer Vidyut Vitran Nigam Ltd., Bhindar, Distt. Udaipur Nil dated 09.08.2023
 - PIU letter No.NHAI/UDR/ Elect. O-line/NH-48/277+870 to 278+804/2023/857 dated 31.08.2023
 - M/s. UEPL letter No.UEPL-HO/IE/2023-24/1704 dated 14.09.2023
 - M/s. L.N. Malviya Infra Projects Pvt. Ltd. letter No.LNMIPP/IE/NHAI/PKG-III/2023-24/019 dated 15.09.2013
 - Executive Engineer (O&M), Ajmer Vidyut Vitran Nigam Ltd., Bhindar, Distt. Udaipur letter No.Nil dated 03.11.2023
 - M/s. L.N. Malviya Infra Projects Pvt. Ltd. letter No.LNMIPPL/IE/NHAI/PKG-III/2023-24/095 dated 04.12.2023
 - IE letter No.AA/HW/NHAI/2092/C-U/2023-24/3732 dated 17.08.2023
 - Executive Engineer (O&M), Ajmer Vidyut Vitran Nigam Ltd. Bhindar, Distt. Udaipur letter No.Nil dated 03.11.2023
 - M/s. L.N. Malviya Infra Projects Pvt. Ltd. letter No.LNMIPPL/IE/NHAI/PKG-III/2023-24/095 dated 04.12.2023
 - PIU letter No.NHAI/UDR/ Elect.O-line/NH-48/277+870 to 278+804/2023/1372 dated 08.12.2023
 - Executive Engineer (O&M), Ajmer Vidyut Vitran Nigam Ltd., Bhindar, Distt. Udaipur letter no.Nil dated Nil (received on 07.12.2023)
 - PIU letter No.NHAI/UDR/ Elect.O-line/NH-48/277+870 to 278+804/2023/1378 dated 08.12.2023

Sir,

The subjected proposal submitted by Executive Engineer (O&M), Ajmer Vidyut Vitran Nigam Ltd., Bhindar, Distt. Udaipur (Raj). has been examined by the Independent Engineer M/s. L.N. Malviya Infra Projects Pvt. Ltd and they have submitted the report vide letter No. LNMIPPL/IE/NHAI/PKG-III/2023-24/095 dated 04.12.2023 along with calculation details of Bank Guarantee of Rs.1,86,800/-. This office vide letter cited (ix) above dated 08.12.2023 has requested to the applicant for depositing Bank Guarantee of Rs.1,86,800/- as per Ministry guideline No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 & dated 09.08.2018.

Subsequently, the applicant has submitted the following:

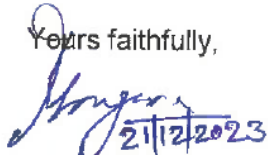
- Licensee fee:** M/s. Executive Engineer (O&M), AVVNL, Bhindar, District Udaipur has submitted zero licensee fee as the zero projection area has been taken.

f:\steno-d\old data\ku doc from 12.1.01\kishangarh-udaipur\avvnl\ht online\ht on line 18.12.2023.docx

9

- b) **Bank Guarantee:-** The applicant has submitted B.G.No.54670IGL0000623 dated 07.12.2023 amounting to Rs.1,86,800/- valid upto 06.12.2024 issued by Union Bank of India, Branch Office Sukhadia Circle Branch, 1138, Shree Kardhar House, Bedla Road, Udaipur towards execution of Laying Overhead Electric Line through overhead electric pole method of Proposed Public Utilities Services on Chittorgarh-Udaipur road Section (NH-48) (old-NH-27) in favour of Project Director, NHAI, Udaipur (copy enclosed). The confirmation has been received from the branch vide letter dated 18.12.2023.
2. The proposal has been examined by the undersigned in line with MoRTH Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 and MoRTH RO letter No.RW/JAI/RJ/ PS/2017/ UTILITY/GENL dated 16.03.2017 and found in order.
3. In view of the above, it is recommended to accord necessary permission to Executive Engineer (O&M), Ajmer Vidyut Vitran Nigam Ltd., Bhindar, Distt. Udaipur against their aforementioned proposal.

Yours faithfully,


(Kuldeep Songara)
Project Director

Encl:- Three copies of proposal & copy of BG.

- Copy to: (i) Team Leader M/s. L.N. Malviya Infra Projects Pvt. Ltd. Nakoda Nagar, Udaipur – for information
(ii) M/s. UCHIT Expressway, Narayanpura - for information



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)


National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)
परियोजना कार्यान्वयन इकाई, उदायपुर, प्लॉट सं. 465, सरस डेयरी के पास, गोवर्द्धन विलास, उदायपुर (राज.) 313001
Project Implementation Unit, Udaipur, Plot No. 465, Near Saras Dairy, Goverdhan Villas, Udaipur (Raj.) 313001
दूरभाष/Phone : (0294) 2980801, 2980802 ई-मेल/Email: uda@nhai.org



CERTIFICATE

- Sub:** Permission for Laying Overhead Electric Line through overhead electric pole method of Proposed Public Utilities Services on Chittorgarh-Udaipur road Section (NH-48) (old-NH-27) at Km.Ch.277+870 to Km.278+804 (LHS) at village Navaniya & Menar, Tehsil Vallabh Nagar, Distt. Udaipur in the State Rajasthan- Reg.
- Undersigned has examined the proposal of the applicant for Laying Overhead Electric Line through overhead electric pole method of Proposed Public Utilities Services on Chittorgarh-Udaipur road Section (NH-48) (old-NH-27) at Km.Ch.277+870 to Km.278+804 (LHS) at village Navaniya & Menar, Tehsil Vallabh Nagar, Distt. Udaipur at Design Chainage and confirm that the standard conditions issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 has been followed.
 - It is certified that any other location of utility line would be extremely difficult and unreasonable costly and crossing of utility line 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.
 - I will ensure supervision of the work of crossing of utility and ensure that the defects in road portion after laying of utility are corrected.
 - I will notify/forfeit the BG for claims for damages done/disruption in working, if any.
 - I will ensure that proposed permission is entered in the register of records.
 - The record of previous approval, if any has been considered and copy of same is enclosed with the proposal.


(Kuldeep Songara)
Project Director


CHECK LIST


Enclosure to Ministry of Road Transport & Highways letter no.
RW/NH-33044/29/2015/S&R(R) Dated 22th November, 2016

Check list for processing the proposal for Laying / Crossing of utility line in the land along National Highway vested with NHAI/PWD/BRO

General Information.

1	Name and Address of the Applicant/ Agency	: Executive Engineer, (O & M), A.V.V.N.L., BHINDAR, UDAIPUR
2	National Highway Number	: N.H.- 48 (Old N.H.-27) CHITTORGARH - UDAIPUR ROAD
3	State	: RAJASTHAN
4	Location	: Vill.- NAVANIYA & MENAR Tehsil. - VALLABHNAGAR Dist.- UDAIPUR
5	[Chainage in km.]	: ROAD CH. - 277/870 TO 278/804 [L.H.S.]
6	Length in Meters	: 935m
7	Width of available ROW in both side (Mtr.)	: 60.0m (30m + 30m)
8	[Side of NH (Left or right side of NH towards increasing Chainage/ Km. direction)]	: Light Hand Side of Chittorgarh - Udaipur Road towards Udaipur in crossing of Km. 277 - 278
9	Name of Highway/ Authority (NHAI/PWD/BRO)	: NATIONAL HIGHWAY AUTHORITES OF INDIA
10	Highway Administration address	: Project Director, NHAI, PIU-Udaipur Plot no. 456, Near Saras Dairy, Govardhan Villas, Udaipur (Raj.) 313001


Executive Engineer(O&M)
AVVNL,Bhinder


Team Leader
L.N. Malviya Infra Projects Pvt. Ltd.
In Association with Infrotech Civil Solution & Consultant
Udaipur


Project Director
National Highways Authority of India
Project Implementation Unit, Udaipur

Enclosure to Ministry of Road Transport & Highways letter no.
RW/NH-33044/29/2015/S&R(R) Dated 22th November, 2016

Check list for processing the proposal for Laying / Crossing of utility line in the land along National Highway


Sr. No.	Item	Measurement Observations as per site condition	Morth Norms	Whether complying with MORTH Norms**
1	Details of already laid utility service, if any	No	Enclosed	Yes/No
2	Whether up gradation of the stretch in near future is proposed or not	No	Yes	Yes/No
	(a) If yes, provision of utility adversely affect the plan of up- gradation	N.A.	Not affect plan of up- gradation	Yes/No
3	Laying of the utility service along the National Highways.			
3.1	Location of proposed utility service along the stretch	Yes, Public Utility of Electric Line through electric pole closed to extreme edge of the ROW	Utility Duct/ beyond the toe line of the embankment and drains, and close to the extreme edge of the RoW	Yes/No
3.2	Depth of top of utility service from ground level	9.0m High	0.60 meter	Yes/No
3.3	Mechanism for crossing wate channel	Electric Line through electric pole	Through utility duct (if provision exists) or beneath I the bed of water channel	Yes/No
3.4	Whether ROW is restricted in this stretch?	N.A.		Yes/No
3.4.1	If yes, whether provision of land acquisition is required to lay utility	N.A.		Yes/No
	(a) If yes, whether underta king for land acquisition along with relevant L.A. details has been furnished	N.A.		Yes/No
3.4.2	Width of concrete duct, if utility services are proposed to be lane laid in concrete ducts	N.A.	Not less then one lane	Yes/No


Executive Engineer(O&M)
AWNL, Bhinder


Project Director
National Highways Authority of India
Project Implementation Unit, Udaipur


Team Leader
L.N. Malviya Infra Projects Pvt. Ltd.
In Association with InfraTech Civil Solution & Consultant
Udaipur

4	Laying of utility services across the NH			
4.1	Whether Existing drainage structures is allowed to carry the utility lines.	No	Not to be allowed	
4.2	Proposed crossing of utility service	N.A.	Perpendicular to NH	Complying
4.3	Type of casing pipe/conduit carrying the utility line.	N.A.	Steel, cast iron, or NA reinforced cement concrete and have adequate strength	Yes/No
4.4	Whether ends of the casing/conduit pipe are sealed from the outside	N.A.	Sealed	Yes/No
4.5	Length of casing/conduit pipe crossing NH	N.A.	Extend from drain to drain in cuts and toe to toe of slope in the fills	Yes/No
4.6	Depth of top of the casing/conduit pipe.	N.A.	At least 1.2 m below the top of subgrade	Yes/No
4.7	Crossing method in case of CC pavement.	N.A.	Only boring method (HDD)	Yes/No
4.8	Horizontal and vertical clearances in case utilities are allowed overhead	N.A.	In accordance with IRC codes	Yes/No
5	Document I Drawings enclosed with the proposal			
5.1	Cross-Section showing the size of trench for open trenching method	N.A.	Enclosed, if applicable	Yes/No
	(a) Trench width	N.A.	More than 30 cm and less than 60 Cm. wider than the outer diameter of the utility pipe	Yes/No
	(b) Filling of trench	N.A.	as per Ministry guidelines vide letter No. RW/ NH-34044/29/2 015/ S&R (R) dated 22.11.2016	Yes/No
	(c) Location of trench	N.A.	extreme edge of the ROW	Yes/No
5.2	Cross section showing the size of pit and location of conduit for HDD method	N.A.	Enclosed, if applicable	Yes/No
5.3	Strip plan/ Route plan showing utility line, chainage, width of ROW, distance of proposed utility from the edge of ROW, important mile stone, intersections, cross drainage works etc	Enclosed	Enclosed	Complying
5.4	Plan and profile drawing of stretch showing cross section of road at 20m distance alongwith ROW and proposed utility	Enclosed	Enclosed	Yes/No


Executive Engineer(O&M)
AVNL Bhinder


Project Director
National Highways Authority of India
Project Implementation Unit, Udaipur


Team Leader
L.N. Malviya Infra Projects Pvt. Ltd.
In Association with Infra
Uda

6	Methodology for laying of utility line	Overhead Electric line through electric pole	Enclosed	Yes/No
7	Draft License Agreement is as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/5&R (R) dated 22.11.2016 and signed by two witnesses	Yes, As per MoRTH Guidelines	Enclosed	Yes/No
8	License fees in Favor of MoRTH RPAO Jaipur	Yes, As per MoRTH Guidelines	as per Ministry guidelines vide letter No. RW/ NH-34044/29/2 015/ S&R (R) dated 22.11.2016	Yes/No
9	Whether Bank Guarantee has been obtained	Yes, As per MoRTH Guidelines	as per Ministry guidelines vide letter No. RW/ NH-34044/29/2 015/ S&R (R) dated 22.11.2016	Yes/No
	(a) If yes, whether Confirmation as per of BG has been obtained as per MoRTH/ NHAI guidelines	Yes, As per MoRTH Guidelines		Yes/No
10	Affidavit / Undertaking from the Applicant for			
10.1	Undertaking for net to damage other existing utility, if damaged then to pay the losses to either to MoRTH/NHAI or to the concerned agency.	Yes	Enclosed	Yes/No
10.2	Undertaking for renewal of Bank Guarantees and when asked by NHAI/ MoRTH	Yes	Enclosed	Yes/No
10.3	Undertaking for confirming all standard condition of MoRTH/NHAI guidelines.	Yes	Enclosed	Yes/No
10.4	Undertaking for shifting of utility as and when asked by MoRTH/ NHAI within a month at their own cost.	Yes	Enclosed	Yes/No
10.5	Undertaking for indemnity against all damages and claims.	Yes	Enclosed	Yes/No
10.6	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Yes	Enclosed	Yes/No
10.7	Undertaking that If any claim is raised by the Concessionaire/ contractor then the same has to be paid by the applicant	Yes	Enclosed	Yes/No
10.8	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration	Yes	Enclosed	Yes/No

L.N. Malviya & Co. Pvt. Ltd.
In Association with Infra Projects Pvt. Ltd.
Team Leader
Jaipur

Executive Engineer, (O & M), A.V.V.N.L.,
BHINDAR, UDAIPUR

[Name, Designation and Signature of the authorized representative]

Methodology of Laying of OFC Cable - Open Trenching / Trenchless (HDD)

Trenching Method:

Laying of Laying Overhead Electric Line along N.H.-48 (Old N.H. - 27) will be done by electric pole method. The Cable laying (Overhead electric pole) work will be carried out in phased manner in such a way that after installation of RCC electric pole for Electric Wire will be reinstated to its original surface.

Trench Filling Method:

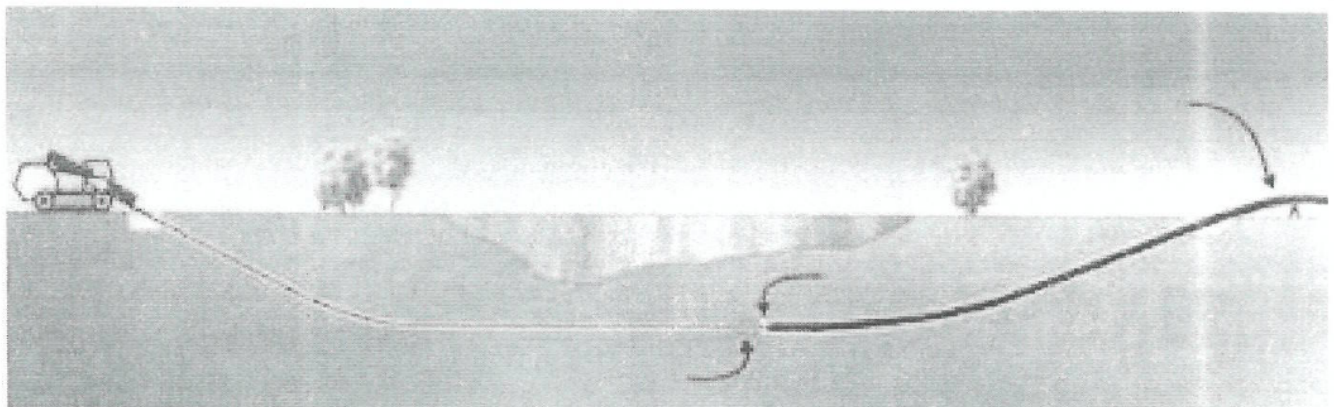
As a measure of abundant precaution against future settlement and other allied problems, only selected granular material will be used in filling reinstatement of trenches. The entire depth of cutting will be filled with coarse sand or the excavated material, compacted in layers not exceeding 75 mm when compacted by ordinary power roller /plate compacter. Special Compaction equipment like plate compacter, frog hammer will be utilized besides ordinary power roller.

Trenchless Crossing: HDD Method

Horizontal Directional Drilling (HDD) is a technique for installing product pipes, including utility lines. Below ground using a surface-mounted drill rig that launches and places a drill string at a shallow angle to the surface and has tracking and steering capabilities. In recent years HDD has been the preferred methodology due to several government policies conducive to infrastructure growth.

All crossing on the Route will be done by Horizontal Directional Drilling method without disturbing the road surface.

A Typical HDD Methodology is shown below:



Signature

Executive Engineer(O&M)
- AVNLT, Bhinder