



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-OH Crossing 132 KV/RVPNL/293/NH-52, km 223.30 to 223.40/2189 दिनांक: 31.10.2023

### INVITATION OF PUBLIC COMMENTS

- विषय:** Proposal for grant of permission for overhead crossing LILO of 132 KV LILO Line from existing 132 KV S/C Bundi (220 KV GSS)-Talera Line to (proposed) 132 KV GSS Raithal (length 22 Km. approx..) on NH-52 from Km. 223.300 to 223.400, Jaipur-Kota 4-lane highway, NH-52 with 01 road crossing ROW applied in the state of Rajasthan by RVPNL - reg.
- सन्दर्भ:** (i) XEN RVPNL Letter no RVPN/XEN/(T&C)/SEM/Works/23-24/D.82 dt. 07.06.2023 and letter no. RVPN/AEN/(T&C)/Tonk/Estt./D.234 dt. 21.09.2023.  
(ii) PD, PIU-Kota letter no. 290120/IE/2023/RRVPLN/Talera/159/8795 dated 07.10.2023 (received on 11.10.2023).

Sir,

It is to inform all concern that Ex. En. RRVPLN, Sawaimadhopur vide letter cited under ref. (i) above has submitted a proposal for the subjected work and PD, NHAI, PIU, Kota has submitted the above proposal vide letter under reference (ii) for approval of the Competent Authority, Highway Administration.

2. The proposal is for overhead crossing LILO of 132 KV LILO Line from existing 132 KV S/C Bundi (220 KV GSS)-Talera Line to (proposed) 132 KV GSS Raithal (length 22 Km. approx..) on NH-52 from Km. 223.300 to 223.400, Jaipur-Kota 4-lane highway, NH-52 with 01 road crossing ROW applied in the state of Rajasthan by RVPNL.

3. 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).

4. 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 overhead crossing of 132 KV Transmission line on the subjected stretch. The objections/comments may be addressed to the below mentioned address upto 30.11.2023, beyond due date, no comments/objections will be accepted.

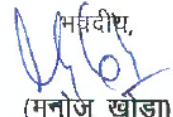
**The Regional Officer, Regional Office - Jaipur**

National Highways Authority of India,

F-120, Janpath, Shyam Nagar, Jaipur (Raj.)-302019,

Tel : 0141-2292049, 2292054 Email : rojaipur@nhai.org

This is issued with the approval of the Regional Officer, NHAI, RO, Jaipur (Rajasthan).

  
(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. [mansoor@nic.in]  
(iii) PD, PIU-Kota: for information and with the request to review the license fee and BG amount as per amended guidelines of MoRTH issued vide no. No. NH-36094/01/2022 S&R (P&B) dated 17.04.2023 and get deposited the same from the applicant within 30 days period for further processing the proposal.  
(iv) AEN (T&C), RVPNL, Tonk: for information and with the request to deposit revised charges required as per amended guidelines dated 17.04.2023 within 30 days period.



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

(Ministry of Road Transport and Highways)

### परियोजना कार्यान्वयन इकाई

ए-504, इन्द्रा विहार, कोटा (राजस्थान)-324005

### Project Implementation Unit

A-504, Indra Vihar, Kota (Rajasthan)-324005

दूरभाष / Phone : 91-744-2406315

91-744-2980181

ई-मेल / E-mail : kofa@nhai.org

kotapiu@gmail.com

4

No. 290120/IE/2023/RRVPLN/Talera/159/8795

7<sup>th</sup> October, 2023

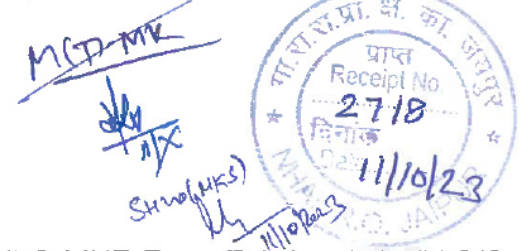
### Regional Officer

National Highways Authority of India

F-120, Jan path, Shyam Nagar,

Jaipur-302019

Email: rojaipur@nhai.org, rojaipur@live.com



Sub. Permission for Overhead crossing LILO of 132 KV LILO LINE From Existing 132 KV S/C Bundi (220 KV GSS) – Talera LINE to (Proposed) 132 KV GSS Raithal (Length- 22 KM. Approx.) on NH-52 from Ch-223.300 to Ch-223.400 Jaipur-Kota Four Lane Highway NH-52 with 01 road crossing ROW applied in state of Rajasthan.

- Ref: 1. RRVPLN letter no. RVPN/XEN/ (T&C)/SEM/Works./23-24/D.82 dated 07.06.2023 (received on 21.06.2023)
2. PIU letter no. 290120/IE/2023/RRVPLN/Talera/159/8096 dated 24.06.2023
3. SC, M/s LASA Letter no. LASA/73783/Deoli-Kota (N)/TL/PIU-Kota/2022/2676 dated 07.07.2023
4. RRVPLN letter no. RVPNL/AEN/(T&C)/Tonk/Estt./D.234 dated 21.09.2023

Sir,

In reference to subject matter, it is to submit that a proposal for granting of access permission for Overhead crossing LILO of 132 KV LILO LINE From Existing 132 KV S/C Bundi (220 KV GSS) – Talera LINE to (Proposed) 132 KV GSS Raithal (Length- 22 KM. Approx.) on NH-52 from Ch-223.300 to Ch-223.400 Jaipur-Kota Four Lane Highway NH-52 with 01 road crossing ROW applied in state of Rajasthan from RRVPLN Sawaimadhupur vide letter dated 07.06.2023.

2. In this regard, PIU vide letter dated 24.06.2023 (Ref.2) advised to Supervision Consultant M/s LEA Associates South Asia Pvt. Ltd. to examine the proposal as per Ministry Circular No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 & NH-36094/01/2022-S&R (P&B) dated 17.04.2023 as well as its subsequent amendments and submit your comments/recommendations to this office and also advised to SC to submit specific comments regarding road safety as well as any specific observation, if any.

3. Further, Supervision Consultant vide letter dated 07.07.2023 (Ref3) has submitted that proposal has been verified at site and followings are intimated that:

- As per Annexure-F, Guidelines for the clearance requirements at national highway Authority of India (NHAI)/ Main Roads and Railways of above circular Minimum EHV Line clearance i.e. from lowest portion of the conductor from the Highest Road/ Track Level at crossing for 132 KV shall be 11.60 metres.
- Terminal towers: Angle towers (for all new crossings and for existing crossing, if modification is required for increasing clearance of EHV lines)

- (iii) *Insulator String of Crossing Span: Double Tension.*
- (iv) *Crossing angle: Generally right angle to the road.*
- (v) *Max. Span across track between terminal towers: Normally exceeding 250 metres.*
- (vi) *One of the towers of the crossing span shall be located near the road to obtain additional clearance. Tower shall be erected outside ROW.*

*Also, intimated that there should not be any damage to the NHAI property. Any damage, if occurred shall be made good by RVPN at their cost immediately.*

The same has been examined by this office and found in order.

In view of above, the subjected proposal is hereby submitted & recommended for approval of Competent Authority for granting permission.

Yours faithfully,

  
29/10/2023

**(Rakesh Kumar Meena)**  
DGM (T) cum Project Director

Encl: Four sets of Proposals



## CHECK LIST

Guidelines for processing the proposal for laying of Utility line in the land along National Highways vested with NHA//PWD/BRO.

### General Information

1	Name and Address of the Applicant/ Agency	XEN (T&C) RVPNL, Sawaimadhopur ✓
2	National Highway No.	NH – 52 ✓
3	State	Rajasthan ✓
4	Location	NH– 52 from CH – 223.300 to CH – 223.400 JAIPUR – KOTA, FOUR LANE Highway
5	Chainage in KM	CH – 223.300 to CH – 223.400 with 1 road crossing at SPAN 190.00 Meter ,
6	Length in Mtrs	190.00 Meter
7	Width of available ROW in both Side (M)	60m 30m 27M from centre of line (13.5M on each side of line) Centre line
8	Side of NH	
a)	Left side of NH towards increasing chainage/Km direction	40 Meter (Tower Type 132 KV D/C D+3 with Double tension hardware fitting will be located)
b)	Right side of NH towards increasing chainage/Km direction	150 Meter (Tower Type 132 KV D/C D+6 with Double tension hardware fitting will be located)
9	Name of Highway Authority of NH/PWD/BRO	NHAI
10	Highway Administration address	Regional officer National Highway Authority of India , F-20 , Jan Path , Sakat Nagar Shyam Nagar, Jaipur – 302019



Site Engineer  
NHAI, PIU-Kota

Project Director  
NHAI, PIU, KOTA

(R.K. Chawla)  
Executive Engineer (T&C)  
RVPNL, Sawai Madhopur

# CHECK LIST

S.No.	Item	Measurement Observation as per site conditions	MORTH Norms	Whether Complying with MORTH Norms
1	Details of already laid utility service, if any	NA	Enclosed	NA
2	Whether up gradation of the stretch in near future is proposed or not			
	(a) if yes, provision of utility adversely affect the plan of up gradation	NA	Will not affect plan of up gradation	NA
3	Laying of the utility service along the National Highways			
3.1	Location of proposed utility service along the stretch	Laying of (Public Utility) Lilo of 132Kv lilo line from 132KV S/C Silore(Bundi)-Talera Line to 132KV GSS Raithal (proposed) on NH -52 from CH - 223.300 to CH-223.400 4 Lane Highway	Laying of (Public Utility)132Kv D/C line from 132KV S/C Silore (Bundi)-Talera Line to 132KV GSS Raithal (proposed)	
3.2	Depth of top of utility service from ground level	Overhead EHV line crossing	Above ground level	NA
3.3	Mechanism for crossing water channel	NA	Through utility duct (if provision exists) or beneath the bed of water channel	NA
3.4	Whether ROW is restricted in this stretch	NA	NA	NA
3.4.1	if yes, whether provision of land acquisition is required to lay utility	NA	NA	NA
	(a) if yes, whether undertaking for land acquisition along with relevant LA details No has been furnished	NA	NA	NA
3.4.2	Width of concrete duct, if utility services are proposed to be laid in concrete ducts	NA	NA	NA
4	Laying of utility services across the NH	Overhead EHV line crossing	NA	NA
4.1	Whether Existing drainage structures is allowed to carry the utility lines	NA	Not to be allowed	NA

(R.K. Chawla)

Executive Engineer (T&C)  
RVPNL, Sawai Madhopur




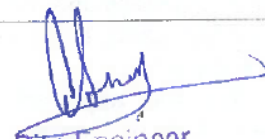
Site Engineer  
NHAI, PIU-Kota

Project Director  
NHAI, PIU KOTA

4.2	Proposed crossing of utility service	NH -52 from CH - 223.300 to CH - 223.400 FOUR LANE Highway Over head crossing to NH		Yes
4.3	Type of pipe conduit/ casing carrying the utility line.	Steel cast iron, reinforced cement concrete and have adequate strength	Steel cast iron, reinforced cement concrete and have adequate strength	Yes
4.4	Whether ends of the casing/conduit pipe are sealed from the outside	NA	Sealed	NA
4.5	Length of casing pipe/conduit crossing NH	NA	Extend from drains and cuts and toe to toe of slope in the fills	NA
4.6	Depth of top of the casing/conduit pipe	NA	At least 1.2 meter below from the top of the Sub grade	NA
4.7	Crossing method in case of CC Pavement	NA	Only boring method (HDD)	NA
4.8	Horizontal and vertical clearances in case utilities are allowed overhead	vertical - 13.20 Meter, horizontal- EHV line structures i.e. towers are 150 Meter from road centre on LHS and 40 Meter from road centre on RHS	In accordance with IRC code	Under taking given by RVPNL
5	Document/Drawings enclosed with the proposal	Enclosed	Enclosed, If applicable	Yes
5.1	Cross Section showing the size of trench for open trenching method			
	(a) Trench width	NA	More than 30 cm and less than 60 cm wider than the outer diameter of the utility pipe	NA
	(b) Filling of trench	NA	As per ministry guidelines vide letter No. RW/NH 33044/29/2015/ S&R Dt. 22/11/2016	NA
	(c) Location of trench	NA	Extreme Edge of ROW	NA
5.2	Cross section showing the size of pit and location of conduit for HDD method	NA	Enclosed, If applicable	NA
5.3	Strip plan/Route plan showing utility line, chainage, width of ROW, distance of proposed utility from the edge of ROW, Enclosed important mile stone,	Enclosed	Enclosed	Yes



  
**(R.K. Chawla)**  
 Executive Engineer (T&C)  
 RVPNL, Sawai Madhopur

  
 Site Engineer  
 NHAI, PIU-Kota

  
 Project Director  
 NHAI, PIU, KOTA



	intersections, cross drainage works etc.			
5.4	Plan and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility	Enclosed	Enclosed	Yes
6	Methodology for laying of utility line	Overhead EHV Line crossing	Enclosed	Yes
7	Draft License Agreement is as per Ministry guidelines vide letter No.	Yes, copy of gazette notification enclosed	Enclosed	Yes
8	License fees in favor of MORTH RPAO Jaipur	Will be paid as per norms	as per Ministry guidelines vide letter No RW/NH 33044/29/2015/S&R. Dt. 22/11/2016	Yes
9	Whether Bank Guarantee has been obtained	Will be paid as per norms	as per Ministry guidelines vide letter No RW/NH 33044/29/2015/S&R Dt. 22/11/2016	Yes
	(a) if yes, whether Confirmation of BG has been obtained as per MORTH/NHAI guidelines			
10	Affidavit/Undertaking from the Applicant for	YES		YES
10.1	Undertaking for not to damage other existing utility, if damaged than to pay the losses to either to MoRTH/NHAI or to the concerned agency	Yes	Enclosed	Yes
10.2	Undertaking for renewal of Bank 10 2 Guarantees and when asked by concerned NHAI/MORTH	Yes	Enclosed	Yes
10.3	Undertaking for confirming all standard condition of MORTH/NHAI guidelines	Yes	Enclosed	Yes
10.4	Undertaking for Shifting of Utility as and when asked by MORTH/NHAI within a month at their own cost	Yes	Enclosed	Yes
10.5	Undertaking for Indemnity against all damages and claims	Yes	Enclosed	Yes
10.6	Undertaking for management of traffic movement during laying of utility line without hampering the traffic	Yes	Enclosed	Yes
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
10.8	Undertaking that the applicant has obtained Various safety	Yes	Enclosed	Yes

Site Engineer  
NHAI, PIU-Kota


(R.K. Chawla)  
Executive Engineer (T&C)  
RVPNL, Sawai Mathur

Project Director  
NHAI, PIU, KOTA

	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			
--	---	--	--	--

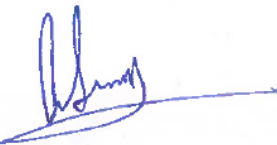
The Right of the Way (ROW) of the National Highway available at the proposed location from the Center line of divided carriageway is ~~27~~ <sup>30m</sup> m (from center of ROW to edge of ROW towards proposed utility)

The above particulars along with the drawings and documents have been verified and certified as correct as per prevailing site conditions.

  
 (Name and signature of the authorized representative of applicant)  
**(R.K. Chawla)**  
 Executive Engineer (T&C)  
 RVPNL, Sawai Madhopu

  
 Project Director  
**NHAI PIU, KOTA**  
 (Name Designation and signature of concerned field authority of NHAI)



  
 Site Engineer  
**NHAI, PIU-Kota**