



GOVERNMENT OF INDIA  
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

Tele: 0471-2320879, 2326306  
Fax : 0471-2320879  
E-mail: rokeralamorth@gmail.com  
No.RW/TRI/Utility/1/2017-18

Office of the Regional Officer,  
Public Office Building,  
Thiruvananthapuram-695033  
Dated: 30.03.2018

Invitation of public comments

**Sub:- Proposal for permission for to lay two runs of 33 KV, 3C 400 mm<sup>2</sup> HT UG Cables along NH bypass from Kazhakuttom (Km.0/00) to near existing toll booth (Km.6/840) for a total length of 6.84 Km - reg.**

The proposal is seeking permission by Kerala State Electricity Board Limited for laying two runs of 33 KV, 3C 400 mm<sup>2</sup> HT UG Cables along NH bypass from Kazhakuttom (Km.0/00) to near existing toll booth (Km.6/840) of Thiruvananthapuram bypass on NH-66. The proposal received earlier had been examined in this office and was returned with certain observations vide this office letter dated 31.10.2017. In response, PD, NHAI, Thiruvananthapuram vide letter No.NHAI.PIU-TVM/KSEB-NOC/2018/106 dated 07.02.2018 (received on 20.02.2018) has resubmitted the proposal to this office in accordance with Ministry's latest guidelines dated 22.11.2016.

2. The proposal for laying of two runs of 33 KV, 3C 400 mm<sup>2</sup> HT UG Cables crossing at Km.0/00 and along NH bypass from Kazhakuttom (Km.0/00) to near existing toll booth (Km.6/840) of Thiruvananthapuram bypass on NH-66 as under:

Stretch in Km.	Length (Km.)	ROW (m)	Dist. Of Prop. Water pipe line from centre of NH (m).
NH Crossing- two runs of 33 KV, 3C 400 m <sup>2</sup> HT UG Cable			
At Km.0/00	45m	45.00	NA
RHS – two runs of 33 KV, 3C 400 m <sup>2</sup> HT UG Cable			
In between Km. 0/000 to 6/840	6.76 km	45.00	22.50

3. The Executive Engineer, Transmission Division, KSEBL, Thiruvananthapuram has proposed to lay two runs of 33 KV, 3C 400 mm<sup>2</sup> HT UG Cables at the edge of ROW through utility corridor for a length of 6.76 km by open trench method and crossing at Km.0/00 of Trivandrum bypass on NH-66 for a length of 45m by HDD method.

4. The Executive Engineer, Transmission Division, KSEBL, Thiruvananthapuram has furnished an undertaking that, they will shift the two runs of 33 KV, 3C 400 mm<sup>2</sup> HT UG Cables line if required by NHAI or any other Highways authorities within 30 days from the date of request. Further, it is also mentioned by the Executive Engineer, Transmission Division, KSEBL, Thiruvananthapuram that the proposed two runs of 33 KV, 3C 400 mm<sup>2</sup> HT UG Cables line work will not affect the design, stability, traffic safety and future improvement of proposed stretch. In addition, all the undertakings as



prescribed in the checklist has been furnished by the Executive Engineer, Transmission Division, KSEBL, Thiruvananthapuram.

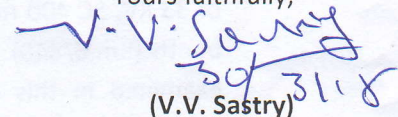
5. As per the guidelines issued by the Ministry vide letter No.RW/NH-33044/29/2015/S&R (R) dated 22.11.2016, the application will be made available for public comments and the comments will be invited within 30 days from the date of uploading in the Ministry's web site.

6. In view of above, comments of the public on the above proposal is invited to the below mentioned address:

The Regional Officer  
Ministry of Road Transport & Highways,  
Public Office Building,  
Thiruvananthapuram – 695033.

Encl: As above.

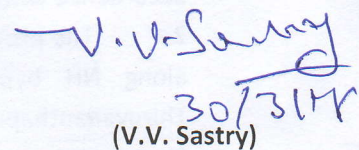
Yours faithfully,

  
(V.V. Sastry)

Regional Officer cum Highway Administrator

Copy to:

1. Senior Technical Director, NIC for uploading in the Ministry's website
2. The Regional Officer, NHAI, Thiruvananthapuram for information please.

  
(V.V. Sastry)

Regional Officer cum Highway Administrator





**KSEB**  
കേരളവൈദ്യുത ബോർഡ്

## **KERALA STATE ELECTRICITY BOARD LIMITED**

*(Incorporated under the Indian Companies Act, 1956)*

**Office of the Executive Engineer, Transmission Division, Kazhakuttom**

Reg.Office: Vydyuthi Bhavanam, Pattom, Thiruvananthapuram - 695 004,

Phone: 0471-2414838, CUG No.9446008107, E-mail: eetdptvm @ gmail.co

Website: [www.kseb.in](http://www.kseb.in), CIN :U40100KL2011SGC027424

No.DB12/TDP/LULU Mall/2017-18/2758

Dated: 07-02-2018.

From

**The Executive Engineer**

To

**The Regional Officer**

**Ministry of Road Transport & Highways**

**Public Office building, Palayam**

**Thiruvananthapuram.**

Sir,

Sub:- Permission to lay two runs of 33Kv,3C400mm<sup>2</sup>HT UG cable along NH by pass- 66from Kms. 00 +000 (Kazhakootam Jn.) to Kms 06 +840 (Near Existing toll booth) RHS on NH-66 land for a total length of 6.84 Km in the state of Kerala.

Ref:-Lr.No.DB2/TCT/Power Allocation/Lulu/2017-18/312 dtd: 03-02-2018 of the Deputy Chief Engineer, Transmission Circle, Tvpm.

M/s. LuLu International Shopping Mall Pvt. Ltd. Edappally, Ernakulam, Kerala, having its registered office at 34/1000, NH 47, Edappally, Kochi - 682024, registered under Companies ACT 1956, represented by Director Sri. NISHAD M.A. S/o Ashraf, residing at Mudakkodiparambil House, Nettoor P.O., Maradu, Ernakulam, applied for 12 MVA power for their new International Shopping Mall project situated near KSRTC Bus Terminal Anayara, Akkulam. Administrative Sanction has been given vide BO (FTD) No.803/2017/D (T&SO)/TI/LULU/2016-17/dtd, Tvpm. 28-03-2017 and an amount of 784.41 lakhs remitted to KSEB Ltd on 02-05-2017. Based on the existing provisions of KSERC rules M/s. LUILU has been decided to procure 33kV cable and accessories based on the approval from KSEB Ltd. Laying of cable also will be done in strict supervision of KSEB Ltd officers and



then handed over to KSEB Ltd. Laying of two numbers 33kV 400mm<sup>2</sup> XLPE UG cable is proposed by open trench method through the RHS of utility portion along NH 66 by pass from Kms 00/000 (Kazhakuttom Jn.) to Kms 06/840 (Near KSRTC Bus Terminal Anayara ) in RHS utility corridor of NH 66 by pass land for a length of 6.84 Kms. The places where open trenching is not possible we are planning to lay 33 kV UG cable (two nos.) by HDD method, as per the drawing and annexure enclosed.

Hence, you are requested to grant us the necessary approvals and orders at the earliest M/s.LULU have started their project and planning to commission by the end of 2019.

Soliciting your most kind cooperation & further actions.

Yours faithfully,



**EXECUTIVE ENGINEER.**

- Acc:- 1. Application with check list, Agreement, undertaking, Certificates  
2. Drawings.

Copy submitted to:- The Deputy Chief Engineer, Transmission Circle, Tvpm.



## CHECK - LIST

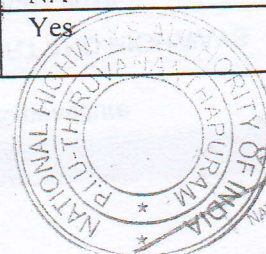
Guidelines for Project Directors for processing the proposal of laying optical fiber cable by private parties in the land along National Highways vested with NHAI.

### • Relevant circulars

- 1) Ministry's circular No RW/NH-33044/27/2005/S&R® (Pt.) dated 06.08.2013. It is regarding the modification of previous Ministry's circular enhancing the amount of performance Bank Guarantee @ Rs.100/- per route meter in place of earlier rate of Rs. 50/- per route meter.
- 2) NHAI's circular No NHAI/OEC/2k/Vol II dated 7.11.2000, which includes the comprehensive guidelines and draft license agreement for laying of OFC,UG cable by private party in the land along National Highway vested with NHAI.
- 3) Ministry's circular No RW/NH-33044/29/2015/S&R® dated 22.11.2016. Accommodation of public and industrial Utility Services along and across National Highways – Policy guidelines regarding.

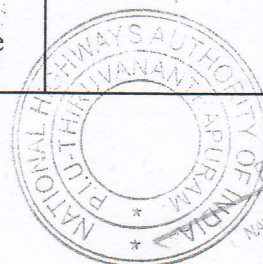
### Check list for getting approval for laying of cables on NH land

S. No.	Item	Information/ Status	Remarks
1	General Information	Proposal for laying of Electrical Cable	
1.1	Name and Address of the Applicant	Executive Engineer Transmission Division kazhakoottam Kerala State Electricity Board Limited	
1.2	National Highway Number	NH- 66	
1.3	State	Kerala	
1.4	Location	Lat.8 °33'54.60" N, Log 76°52 '31.52"E (Ch 0.000)To Lat. 8°31' 0.48" N,Log. 76°5 3'50.90 "E (Ch 6.840) Drawing attached	
1.5	(Chainage in Km)	Km 0.000to km 6.840 (Drawing attached.)	
1.6	Length in Meters	6840m	
1.7	Width of available ROW	45m	
	(a) Left side from center line towards increasing Chainage/ km direction	22.50m	
	(b) Right side from center line towards increasing Chainage/ km direction	22.50 m	
1.8	Proposal to lay the cable		
	(a) Left side from center line towards increasing Chainage/ km direction	22.50 m	
	(b) Right side from center line towards increasing Chainage/ km direction	22.50 m	
1.9	Proposal to acquire land		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	





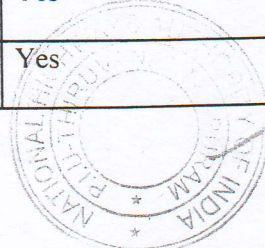
	If not then where to lay the cable	NA	
1.11	Details of already laid services, if any, along the proposed route.	--	
1.12	Number of lanes (2/4/6/8 lanes) existing	4 lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders / 4/6/8 lanes)	4 Lane -work in progress	
1.14	Service road existing or not	yes	
	If yes then which side		
	(a) Left side from center line	yes	
	(b) right side from center line	yes	
1.15	Proposed Service road		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to lay cable is after the service road or between the service road and main carriageway	On the extreme edge of Row	
1.17	The permission for laying OFC,UG shall be considered for, approval/ rejection		
	(i) Where the ROW is more than 45 m 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	Yes	
	(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	NA	
	(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 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans.	NA	
	(iv) Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. highways in cutting through hilly/ rolling terrain), the cable shall be laid clear of the drain.	NA	
	(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.	NA	
1.18	No. of applicants on the same stretch	One	
1.19	Whether the case of multiple licenses	No	
	If so furnish a joint implementation programme to lay their respective ducts within stipulated time frame.	NA	
1.20			
	If crossings of the road involved	No	
1.21	If yes it shall only be through trench – less technology		
2	Document/ drawings enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.6m deep X 0.5m wide) Should not be greater than 1.2m in width in multiple ducts	NA	



PROJECT IMPLEMENTATION UNIT  
THIRUVANANTHAPURAM



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 Cable, Chainage, width of Row, distance of proposed cable from the edge of Row, important mile stone, intersections, cross drainages works etc.	Yes	
2.4	Methodology for laying of PNG (OFC,UG)	Yes (HDD)	
2.4.1	Open trenching method. If yes, Methodology of refilling of trench	NA	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	
2.4.3	Laying OFC,UG through CD works and method of laying (whether to be hung outside parapet)	NA	
3.	Draft License Agreement signed by two witnesses	Yes	
4	Performance Bank Guarantee		
4.1	Performance BG as per Ministry's circular No.RW/NH-3304 4/ 29/ 2015/S&R® dated 22.11.2016 to be obtained @ Rs.100/- per meter length (<= 500mm dia/width).	To be submitted	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Shall be obtained once BG is received.	
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	
5.2	Renewal of Bank Guarantee	Yes	
5.3	Confirming all standard condition of NHAI's guideline	Yes	
5.4	Shifting of PNG/OFC/UG Cables as and when required by NHAI	Yes	
5.5	Shifting due to 6 laning / widening of NH	Yes	
5.6	Indemnity against all damages and claims	Yes	
5.7	Traffic movement during laying of PNG/OFC/ Cables to be managed by 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	Certificate for 6/8 - laning/ widening from the applicant in the following format "We do undertake that I will relocate service road/ approach road/ utilities at my own cost notwithstanding the permission granted within such times as will be stipulated by NHAI" for future six/eight – laning or any other development "	Yes	
6	Power of Attorney in favour of authorized signatory	Yes	
7	Copy of DOT / Cables license	Yes	
8	Certificate from the Project Director	.....	
8.1	Certificate for confirming of all standard condition issued by Ministry of Road Transport & Highways vide Circular No.RW/NH-33044/27/2005/S&R® (Pt.) dated 06.08.2013, Ministry's circular No RW/NH-33044/27/2000-S&R (R) dated 21.3.2006 and NHAI's guidelines issued vide No. NHAI/OEC/2k/Vol II dated 7.11.2000.	Yes	
8.2	Certificate for 6 – laning from PD in the following format	Yes	
	(a)Where feasibility is available "I do certify that there will be no hindrance to proposed six-	Yes	



*[Handwritten signature]*



	laning based on the feasibility report considering proposed structures at the said location" (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six -laning"		
9	The agreement fee of Rs. 1 shall be charged	Yes	
10	If NH section proposed to be taken up by 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 lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of (----- Section from Km-----to Km----- of NH No:----- on Build, Operate and Transfer Basis) and therefore, the licensee shall honour the same"	NA	
11	Who will supervise the work of laying of PNG/OFC/UG cable.	KSEB Engineers	
12	Who will ensure that the defects in road portion after laying of PNG/OFC/ UG Cable are corrected and if not corrected then what action will be taken.	PD, PIU, NHAI	
13	Who will pay the claims for damages done/ disruption in working of Concessionaire if asked by the Concessionaire.	KSEB Ltd.	
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 vide Ministry Circular No.RW/NH-33044/27/2005/S&R® (Pt.) dated 06.08.2013 & No.RW/NH-33044/27/2015/S&R® (Pt.) Dated 22.11.2016	Yes	
15	If any previous approval is accorded for laying of cable then Photocopy of register of records of permissions accorded as maintained by PD (as per Ministry Circular No.RW/NH-33044/27/2005/S&R® (Pt.) dated 06.08.2013 as referred in Para 13 above is enclosed or not.	NA	
16	If any previous approval is accorded for laying of cable then Photocopy of register of records of permissions accorded as maintained by PD (as per Ministry Circular No. RW/NH-33044/29/2015/S&R® dated 22.11.2016 as referred in Para 4 above is enclosed or not.	NA	

Executive Engineer Transmission  
Division Kazhakoottam Kerala State  
Electricity Board Limited