



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)

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम, चलासानी नगर,

रानीगारीतोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

D.No. 41-29-45A, R.S.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,

Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल : rovijayawada@nhai.org, nhairovja@gmail.com वेब : www.nhai.gov.in



Lr.No NHAI/RO-VJA/11045/NOC/2020-21/311

January 28, 2022.

INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for erection of 132 KV DC line with XLPE UG Cable from 220/132/33 KV Dairy Farm SS to proposed 132/33 KV GIS at Kapuluppada in Visakhapatnam District - Detailed proposal for laying of 132 KV UG Cable from Hanumanthawaka Junction to Law College Junction along with NH-16, Total length = 5680 Mts in Visakhapatnam District of Andhra Pradesh-Public comments - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of APTRANSCO, Govt. of Andhra Pradesh for erection of 132 KV DC line with XLPE UG Cable from 220/132/33 KV Dairy Farm SS to proposed 132/33 KV GIS at Kapuluppada in Visakhapatnam District - Detailed proposal for laying of 132 KV UG Cable from Hanumanthawaka Junction to Law College Junction along with NH-16, Total length = 5680 Mts in Visakhapatnam District of Andhra Pradesh.

As per MORTH guidelines vide letter No.RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the Highway Administration will put out the application in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

In view of the above, the comments of public, if any, on the above mentioned proposal is invited on below mentioned address.

**Regional Officer - Vijayawada,
National Highways Authority of India,
Regional Office, Dr. No.41-29-45A, R. S. No.373/2A
Near Kodandaramalayam, Chalasani Nagar,
Ranigarithota, Krishnalanka, Vijayawada - 520 013.
Email: rovijayawada@nhai.org**


(R.K. Singh),
Regional Officer
RO - Vijayawada



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम, चलासानी नगर,

रानीगारीतोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,

Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल : rovijayawada@nhai.org, nhairovja@gmail.com वेब : www.nhai.gov.in



Lr.No. NHAI/RO-VJA/11045/NOC/2020-21/312

January 28, 2022.

To

The Sr. Technical Director,
NIC, Transport Bhawan,
New Delhi- 110001.

Sub: RO - Vijayawada - Permission for erection of 132 KV DC line with XLPE UG Cable from 220/132/33 KV Dairy Farm SS to proposed 132/33 KV GIS at Kapuluppada in Visakhapatnam District - Detailed proposal for laying of 132 KV UG Cable from Hanumanthawaka Junction to Law College Junction along with NH-16, Total length = 5680 Mts in Visakhapatnam District of Andhra Pradesh -Public comments - Reg.

Sir,

Please find enclosed herewith a proposal submitted by APTRANSCO, GoAP for erection of 132 KV DC line with XLPE UG Cable from 220/132/33 KV Dairy Farm SS to proposed 132/33 KV GIS at Kapuluppada in Visakhapatnam District - Detailed proposal for laying of 132 KV UG Cable from Hanumanthawaka Junction to Law College Junction along with NH-16, Total length = 5680 Mts in Visakhapatnam District of Andhra Pradesh

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the application along with the recommendations of PD, PIU-Visakhapatnam are enclosed herewith with a request to host the same in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest), for taking further necessary action.

Yours faithfully,

(R.K. Singh),

Regional Officer
RO - Vijayawada

Encl: As above

Copy to:

(i) PD, PIU - Visakhapatnam

(ii) The Executive Engineer, Construction Division, AP TRANSCO, Opp. Green Park Hotel, Visakhapatnam - for information.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय)

(MINISTRY OF ROAD TRANSPORT & HIGHWAYS)

परियोजना कार्यान्वयन इकाई (जि व्यू), भा.रा.रा.पा. एन्क्लेव, कि.मी.2/8 रा.रा.5.,

Project Implementation Unit (GQ), NHAI Enclave, KM 2/8 NH-16

हनुमन्तवाका, विशाखपट्टणम - 530 040, ए.पि., भारत

Hanumanthavaka, Visakhapatnam - 530 040, A.P., India



भारतमाला

प्रगति के पथ पर आमत

BHARATMALA

ROAD TO PROSPERITY

दूरभाष / Phone : 0891-2707600

2714119

फाक्स / Fax No. : 0891-2714118

ई-मेल / E-mail : vis@nhai.org

Ref. No.: NHAI/PIU-VSP/APTRANSCO/2020-21/ 8708

Date: 05.10.2021

To
✓ The Regional Officer,
National Highways Authority of India,
Regional Office, Gurunanak Nagar,
Teachers Colony,
VIJAYAWADA.

Handwritten signature and initials



Sub: NHAI, PIU, Visakhapatnam -Erection of 132 KV DC line with XLPE UG Cable from 220/132/33 KV Dairy Farm SS to proposed 132/33 KV GIS at Kapuluppada in Visakhapatnam District" - Detailed Proposal for laying of 132 KV UG Cable from Hanumanthawaka Jn. To Law College Jn. along with NH - 16 in Visakhapatnam - Request for issuing NOC regarding.

- Ref:
- 1.Lr. No. EE/Const/VSP/Tech/AEE(T)/F.228/D.no.393/2019, Dt.19.12. 2019.
 - 2.Lr.No. EE/Const/VSP/Tech/AEE(T)/F.228/D.no.508/2019, dated 27.02.2020.
 3. Lr. No. EE/Const/VSP/Tech/AEE(T)/F.228/D.no.513/2019, Dt. 02.03.2020.
 4. Lr.No. NHAI/PIU-VSP/Permission for 33 KV/2020/3517, dated 06.03.2020.
 5. Lr.No. Armenge/O&M/NHAI-PIU-VSP/AP Transco - UG Cable/2019-20/177, dated 24.04.2020.
 6. Lr.No. NHAI/PIU-VSP/Permission for 33KV/2020/3977, Dt. 04.05.2020.
 7. Lr.No. SE/OMC/VSP/Tech/AEE2/F.202/D.No. 940/20, dt.16.04.2020.
 8. Lr. No. SE/OMC/VSP/Tech/AEE2/F.202/D.No.1241/20, Dt. 21.05.2020.
 9. Lr.No. SE/OMC/VSP/Tech/AEE2/F.202/D.No1405/20, dt.02.06.2020.
 - 10.Lr. No. NHAI/PIU-VSP/Permission for 33 KV/2020-21/5201, Dt. 17.06.2020.
 - 11.Lr. No. EE/Const/Vsp/Tech/F. /D.No.150/20, dated 25.06.2020.
 - 12.Lr. No.NHAI/PIU-VSP/Permission for 33 KV/2020/5384, dated 08.07.2020.
 13. Lr. No. VCICDP/APTRANSCO-01/NHAI/Cable Laying/ dated 15.06.2020.
 14. Lr. No. NHAI/PIU-VSP/Permission for 33 KV/2020/5528, dated 22.07.2020.
 15. email dated VCICDP - Meeting copy received, dated 23.09.2020. (Meeting conducted on 25.09.2020.
 16. Lr. No. EE/Const/VSP/Tech/AEE(T)/F.228/D.no.238/2020, Dt. 04.08.2020.
 17. Lr. No. EE/Const/VSP/Tech/AEE(T)/F. 238/2020, dt.04.08.2020 recived to this office on 25.08.2020.
 18. NHAI/PIU-VSP/Permission for 33 KV/2020/6052, dated 28.09.2020.
 19. Lr. No. NHAI/PIU-VSP/Permission for 33 KV/2020/5590 Dt. 29.07.2020.
 20. Lr. No. 87/2020/SSRI, Dated. 26.08.2020.
 21. This office Lr. No. NHAI/PIU-VSP/Permission for 33 KV/2020/6052, dated 28.09.2020.
 22. Lr. No. Armenge/O&M/NHAI-PIU-VSP/AP TRANSCO - UG - Cable/2019-20/238, dated 22.10.2020.
 23. Lr. No. NHAI/PIU-VSP/Permission for 33 KV/2020/6239, dated 26.10.2020.
 24. Lr. No. Rc. No. 87/2020/SSRI dated 23.07.2020.
 25. Lr. No. NHAI/PIU-VSP/Permission for 33 KV/2020/5590, dated 29.07.2020.
 24. Lr. No. NHAI/PIU-VSP/permission for 33 KV/2020/6052, dated 28.09.2020.

Handwritten note: Re 12/10/21

Building a Nation, Not Just Roads

निगमित कार्यालय : जी-5, एवं.6, सेक्टर-10, द्वारका, नई दिल्ली-110 075. वेब साइट : <http://www.nhai.org>

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Corporate Office : G-5 & 6, Sector-10, Dwaraka, NEW DELHI - 110 075, Website : <http://www.nhai.org>

25. Lr. No. Armenge/O&M/NHAI-PIU-VSP/AP Transco-UG Cable/2019-20/238, dated 22.10.2020.
26. Lr. No. EE/Const/VSP/Tech/AEE(T)/F.228/D.no. 401/2020, dated 14.10.2020.
27. Lr. No. NHAI/RO-VJA/11003/O&M-P/2016/1310, dated 23.10.2020 of the Managing Director, VPRCL Vijayawada.
28. Lr. No. NHAI/PIU-VSP/Permission for 33 KV/2020/6239, Dt. 26.10.2020.
29. Lr. No. SE/OMC/VSP/Tech/F.202/AEE1/D.No. 3232/20, dated 27.10.2020.
30. Lr. No. NHAI/PIU-VSP/permission for 33 KV/2020/6288, dated 02.11.2020.
31. Lr. No. NHAI/RO - VJA/PIU-VKSP/VCIC/1644, dated 11.12.2020. (Office Memorandum - MOM)
32. Minutes of Meeting chaired by Principal Secretary, T R&B Department, GoAP held on 05.02.2021. (Joint Inspection).
33. Lr. No. NHAI/PIU-VSP/City Limits/APTRANSCO/2020-21/7134, dated 17.02.2021.
34. Lr. No. NHAI/RO-VJA/PIU-VSKP/VCIC 339, Dt. 12.02.2021.
35. Lr. No. EE/Const/VSP/Tech/AEE(T)/F.228/D.no. 679/2020, Dt. 23.02.2021.
36. Lr. No. EE/Const/VSP/Tech/AEE(T)/F.228/D.no.688/2020, Dt. 26.02.2021.
37. Lr. No. EE/Const/VSP/Tech/AEE(T)/F.228/D.no.42/2021, Dt. 20.04.2021.
38. T/o Email dated 15.05.2021
39. Lr.No.CE/Zone/VSP/EE/Const/DEE3/VCIC DP/01-2017/D.No.1990/2021, Dt. 05.05.2021.
40. Lr. No. NHAI/PIU-VSP/APTRANSCO/7769. Dt. 13.05.2021.
41. Lr. No. EE/Const/VSP/Tech/AEE(T)/F.228/D.no.133/2021, dated 29.05.2021.
42. Lr. No. MSV-Armenge/O&M/NHAI-PIU-VSP/132KV UG Cable/2020-21/338, Dt. 04.06.2021.
43. e mail dated 05.06.2021.
44. Lr. No. EE/Const/VSP/Tech/AEE(T)/F. 228/D. No. 160/2021, Dt. 09.06.2021.
45. Lr.No. NHAI/PIU-VSP/APTRANSCO/2019/7975, Dt. 22.06.2021.
46. Lr. No. NHAI/PIU-VSP/APTRANSCO/2019/7978 Dt. 26.07.2021.
47. Lr. No. EE/Const/VSP/Tech/AEE(T)/F.288/D. no. 273/21, Dt. 07.08.2021.
48. Lr. No. NHAI/PIU-VSP/APTRANSCO/2021-22/8300, dt.07.08.2021.
49. MemoNo.CE/zone/VSP/SE/EE/const/DEE3/const/VCIC/D.no.3789,Dt. 27.08.2021
50. LetterNo. EE/Const/VSP/Tech/AEE(T)/F.228/D.No. 357/2021, Dt. 01.09.2021.

* * * * *

1. The Proposal for laying UG cable was initially received in the month of November, 2018 from AP Transco. Since the proposal was not in line with the Ministry's guidelines, it was returned to the AP Transco for submitting the proposal as per the Ministry's guidelines vide this office letter dated 18.04.2019.
2. After that, AP Transco was non-responsive for almost one year and submitted the proposal afresh later in the month of March 2020. Meanwhile, NHAI has accorded permissions to Indian Navy, Reliance Jio and BSNL to use the

ROW for various purposes and licence for use of Right of Way was granted for 20 years.

3. Further, it is to inform that the Municipal Administration and Urban Development has approved the "Development of Visakhapatnam Metro Rail Project" along the NH-16, which is in advance stage of planning. In view of the announcement of Administrative Capital Shifting to Visakhapatnam, the already congested NH-16 passing through city limits was proposed for 6-Laning / 8-Laning duly constructing Grade separators at major junctions which required entire ROW available with NHAI and even more required for acquisition.

4. In view of the above situation, the AP Transco has been informed that the permission cannot be accorded and advised for searching alternative alignment vide this office letters dated 04.05.2020; 17.06.2020; 08.07.2020, 22.07.2020, 29.07.2020 and 28.09.2020

5. A review meeting has been held on 11.12.2020 in the office RO, Vijayawada and discussed the issue elaborately with APTRANSCO Authorities (headed by Chief Engineer) and finally concluded that Industries Department shall organise a meeting with all state holders to take an appropriate decision in the matter keeping in view possible future developments like Metro which is under consideration by the State Government.

6. Further, a meeting has also been conducted on 05.02.2021 chaired by Principal Secretary,. T R&B Department, Government of AP with NHAI, APTRANSCO and VCICDP-SU Authorities in this regard. In the meeting, the Chief Engineer, APTRANSCO has informed that they have already laid 132 KV UG cables from GIS sub-station at Kapuluppada to law College junction on NH16 for a length of 5.68 Kms., and requested for permission from NHAI for stretch between law college to Hanumanthavaka where sufficient ROW is not available.

7. In the meeting, RO-Vijayawada has informed that

- ROW varies from 42m to 60m in the entire corridor of 5.68 Km.s, where UG cable are proposed by APTRANSCO.
- Indian Navy, Reliance JIO and BSNL have been allowed in the past for laying of cables which have occupied 3m to 4m space in the

ROW. Further, Municipal Administration and Urban Development, GoAP has approved the development of Visakhapatnam Metro Rail Project along the existing Highway which is in advanced stage of planning.

- Since, the traffic is more than 40,000 PCUs, there is every change of widening of existing 4-lane road to 6-lane standards in future.
- However, as per extant MORTH guidelines dated 22.11.2016, "in exceptional cases where ROW is restricted the utility services can be allowed beneath the carriageway of service road subject to condition that the utility service be allowed in a concrete ducts, which will be designed to carry traffic on top. The width of duct is in such case shall not be less than single lane (3.5 m).

7. After detailed deliberations, the following decision were taken.

- The joint team of PIU, NHAI and APTRANSCO shall visit the site to prepare a detailed strip plan from law college junction to hanumanthavaka junction on NH16 showing ROW, MCW, Service Road, other features of highway, utilities already laid and vacant land in order to finalise the location for laying of 132 KV UG cable by APTRANSCO.
- Where ROW is less than 50m, 132KV UG cables shall be laid in 2m wide concrete ducts beneath service road/ slip road. Where ROW is more than 50m, cables may be laid by open trench method.
- In case the utilities are required to be shifted due to expansion of NH-16, the same shall be shifted by APTRANSCO at its own cost.

8. Then onwards, the APTRANCO Authorities are submitting the proposal and requesting the permission vide references 35th, 36th, 37th, 39th, 41st, 44th, 47th and 49th cited without complying the circular guidelines. This office, vide references 38th, 40th, 43rd, 45th, 46th and 48th while returning the proposal requested the APTRANSCO Authorities to submit the proposal duly complying the circular guidelines and as per deliberations dated 05.02.2021.

9. Further, several meetings were held in this office with APTRANSCO representatives in submission of proposals and guided them accordingly

10. The proposal as submitted by APTRANSCO Authorities has been verified by the Independent Engineer and furnished their recommendations vide letter under reference 42nd cited.


11. Finally, the APTRANSCO Authorities vide reference 50th cited has submitted the proposal duly complying the circular guidelines with the following documents. The proposal has been examined and the documents furnished by APTRANSCO Authorities are found in order.

- a) Proposal Letter addressed to PD/NHA/PIU, Visakhapatnam.
- b) Check List
- c) Specification Report to accompanying the estimate towards License Fees for Laying of 132 KV DC.
- d) License Fees Estimate.
- e) Agreement regarding granting of Right of Way permission.
- f) Undertaking for Performance Bank Guarantee.
- g) Certificate for Six Laning,
- h) Indemnity bond against all damages and claims as Sl. 5.6 of Check list .
- i) They have given Affidavit to take all the actions as prescribed in the Check List from 5.1 to 5.12.
- j) Format for maintain records of ROW permission granted for laying 132 KV DC.
- k) Technical specification for laying of duct.
- l) Brief description of Horizontal Directional Drilling and Open Trench Methodology.
- m) Methodology of laying 132KV XLPE D/C UG CABLE.
- n) Cross section for open trench and RCC trench.
- o) Plan and profile submitted for lying of 132 KV DC on along the Structures and cross Drainages.
- p) Power of Attorney.

12. In view of the above, the proposal submitted by M/s APTRANSCO, for laying of 132 KV UG Cable from Hanumanthawaka Jn. To Law College Jn. along with NH - 16 in Visakhapatnam for a total length of 5680mtrs (along the NH 5620mtrs, Across the NH 60Mtrs at KM 695/200) is herewith recommended for communicating the approval of Competent Authority.


Encl: Proposal in two sets
(01 Original + 01 Duplicate)

Yours faithfully,


(P. Siva Sankar)
GM(T) & Project Director

CERTIFICATE

- 1 It is certified that the proposal for "Permission for laying of 132 KV UG Cable from Hanumanthawaka Jn., to Law College Jn., along with NH-16 in Visakhapatnam" is confirming of all the standard conditions / guidelines issued vide Ministry circular No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016.
- 2 It is certified that the applicant will relocate service road / approach road / utilities at his own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for Future Six Laning or any other development.
3. It is certified that the details of the proposed permission shall be entered in the Register of Records of the Permission maintained by PIU.


Manager (Tech)

GM (T) & Project Director



Name of the Work: Laying of 132 KV UG cable from Hanumantwaka Jn. To Law College Jn. Along with NH-16 in Visakhapatnam

Ref
Manager (T)

GM(T) & Project Director
PIU-Visakhapatnam