



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, कोदंडरामालयम्, चलासानी नगर,

रानीगारीतोटा, कृष्णलंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

Regional Office : 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/e mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Ref: NHAI/RO-VJA/PIU - TPT/NOC/APTRANSCO/2023-24/ 4544

Dt. 22.12.2023

To

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

Sub: **RO - Vijayawada** - Permission for laying of 132 KV Renigunta - Puttur Double Circuit XLPE UG cable along NH-71 (Madanapalli to Naidupeta Road) from 125/6 KM to 127/3 KM including proposed Renigunta-Naidupeta 6-Lane NH from Km.1.100 to 1.950 for a total route length of 1649 mtrs including HDD crossing with 250 mm HDPE along Renigunta - Naidupeta Section of NH-71 in the State of Andhra Pradesh - **Public comments - Reg.**

Sir,

Please find enclosed herewith a proposal submitted by M/s. APTRANSCO for ~~for~~ laying of 132 KV Renigunta - Puttur Double Circuit XLPE UG cable along NH-71 (Madanapalli to Naidupeta Road) from 125/6 KM to 127/3 KM including proposed Renigunta-Naidupeta 6-Lane NH from Km.1.100 to 1.950 for a total route length of 1649 mtrs including HDD crossing with 250 mm HDPE along Renigunta - Naidupeta Section of NH-71 in the State of Andhra Pradesh.

2. As per MORTH guidelines vide letter No.RW/NH-33044/29/2015/S&R(R) dated 22nd November 2016, the application along with the recommendations of PD, PIU-Tirupati 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.

Encl: As above

Yours faithfully,

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

Copy to:

- (i) PD, PIU - Tirupati
- (ii) M/s. APTRANSCO - for information.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

रानीगारीतोटा, कृष्णलंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

Regional Office : 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/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Ref: NHAI/RO-VJA/PIU - TPT/NOC/APTRANSCO/2023-24/ 4543

Dt.22.12.2023

INVITATION OF PUBLIC COMMENTS

Sub: **RO - Vijayawada** - Permission for laying of 132 KV Renigunta - Puttur Double Circuit XLPE UG cable along NH-71 (Madanapalli to Naidupeta Road) from 125/6 KM to 127/3 KM including proposed Renigunta-Naidupeta 6-Lane NH from Km.1.100 to 1.950 for a total route length of 1649 mtrs including HDD crossing with 250 mm HDPE along Renigunta - Naidupeta Section of NH-71 in the State of Andhra Pradesh - **Public comments** - Reg.

The Project Director, PIU - Tirupati submitted a proposal of M/s. APTRANSCO for ~~for~~ laying of 132 KV Renigunta - Puttur Double Circuit XLPE UG cable along NH-71 (Madanapalli to Naidupeta Road) from 125/6 KM to 127/3 KM including proposed Renigunta-Naidupeta 6-Lane NH from Km.1.100 to 1.950 for a total route length of 1649 mtrs including HDD crossing with 250 mm HDPE along Renigunta - Naidupeta Section of NH-71 in the State of Andhra Pradesh.

As per MORTH guidelines vide letter No.RW/NH-33044/29/2015/ S&R(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

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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



परियोजना कार्यान्वयन इकाई, डी.नं : 1/5/564/C, बालाजी कालनी, लक्ष्मी नारायण कल्याण मंडपम, तिरुपति - 517 502

Project Implementation Unit, D.No.1-5-564/C, Balaji Colony,

Opp. Lakshmi Narayana Kalyana Mandapam, Tirupati- 517 502, A.P.

Ph No : 0877-2245060, email : nhaitirupati@gmail.com, piutirupati@nhai.org

NHAI/PIU-TPT/070RN-22/SL. No. 34-OFC/2023-24/1558

Dt. 22.11.2023

To,

The Regional Officer,
National Highways Authority of India,
Vijayawada.



Sub: Renigunta - Naidupeta section of NH-71 - Andhra Pradesh Urban Water Supply Setage Management Improvement Project (APUWSSMIP) - Water Supply Improvement Scheme including Operation and Maintenance in Municipal town of Naidupeta and Sullurpeta in SPSR Nellore District (erstwhile) of Public Health Circle, Nellore (Package I) with AIB funding - Laying of 132 KV Renigunta - Puttur Double Circuit XLPE UG cable along NH-71 (Madanapalli to Naidupeta Road) from 125/6 KM to 127/3 KM including proposed Renigunta-Naidupeta 6-Lane NH from Km.1.100 to 1.950 for a total route length of 1649 mtrs including HDD crossing with 250 mm HDPE along Renigunta - Naidupeta Section of NH-71 in the State of Andhra Pradesh- **Approval - Requested - Reg.**

Ref: (i) Executive Engineer, Construction Division, A.P.Transco., Lr. No. EE/Const/TPT/AEE(T)/F.No. 63/D. No.679/23, dated 11.10.2023
(ii) T/o. Lr. No NHAI/PIU-TPT/070RN-22/SL. No. 34-OFC/2023-24/1312, dated 20.10.2023
(iii) Independent Engineer, M/s. Satra Services and Solutions Pvt. Ltd., Lr. No. 01041112/IE/02/0509, dated 01.11.2023

Sir,

With reference to the above subject cited, it is to inform that Executive Engineer, Construction Division, APTRANSCO, Tirupati vide letter cited under reference (i) above submitted a proposal regarding permission for laying of 132 KV Renigunta - Puttur Double Circuit XLPE UG cable along NH-71 (Madanapalli to Naidupeta Road) from 125/6 KM to 127/3 KM including proposed Renigunta-Naidupeta 6-Lane NH from Km.1.100 to 1.950 for a total route length of 1649 mtrs including HDD crossing with 250 mm HDPE along Renigunta - Naidupeta Section of NH-71 in the State of Andhra Pradesh. Accordingly, this office has forwarded the same to the Independent Engineer of the subject stretch of NH-71, M/s. Satra Services and Solutions Pvt. Ltd., vide this office letter cited under reference (ii) above for detailed report and recommendation on the proposal submitted by APTRANSCO, Tirupati.

2. The Independent Engineer vide letter cited under reference (iii) above reviewed that the proposal submitted by Executive Engineer, Construction Division, APTRANSCO, Tirupati is found to be in order and recommended the proposal after carrying out Joint Inspection along with representatives of APTRANSCO, Tirupati and Concessionaire representative.

(i) Details of Locations for proposed cable laying details are tabulated below:

Cable laying locations at NH-71						
S. No	Chainages		Existing / Proposed	Length (Km)	Side	Remarks
	From	To				
1	1+100	1+835	Proposed	0.735	RHS	Along the proposed NH 71
2	126+500	127+300	Proposed	0.800	RHS	Along the proposed NH 71
3	1+835	1+950	Existing	0.114	-	Crossing across the proposed six lane from Right to Left
	Total			1.649		

Length along the existing NH 71	0.114 Kms
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Length along the proposed NH 71 1.535 Kms

The proposed cable laying is crossing at Km 1+835 (New Chainage)

- (ii) The submitted proposal for laying of Double Circuit XLPE UG Cable at the above locations has been verified with the MoRT&H Circular Guidelines RW/NH-33044/29/2015/S&R(R), dt. 22.11.2016 and is found in order.
- (iii) The utility shall be located beyond the toe line of the embankment and drains as close to the extreme of the ROW as possible.
- (iv) It is to be ensured that at no time there is interference with the damage of the road land and maintenance of the National Highways. The top of the utility services shall be at least 0.6 mtrs. below the ground level.
- (v) No utility shall be laid over the existing culverts and bridges, the licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed.
- (vi) The applicant has to execute the works without any damages to the existing utilities on / underground.
- (vii) The cost of operation and maintenance will have to be borne by the Licensee as per the Agreement.
- (viii) A copy of NOC from the Concessionaire is enclosed.

3. In this connection, the proposal submitted M/s. APTRANSCO, Tirupati was examined and the following are furnished herewith:

- (i) Check list
- (ii) Undertaking for submission of Performance Bank Guarantee as per the requirement of NHAI.
- (iii) Undertaking for shifting / Relocation of pipeline (as per Sl. No. 5 of Checklist).
- (iv) Draft License Agreement regarding granting of ROW permission for showing proposed laying of pipeline.
- (v) Key Map
- (vi) Route Strip Plans.
- (vii) Calculations for amount to be paid to NHAI towards License fee.

- (viii) IE had inspected the proposed location of laying of pipeline along with the representative of APTRANSCO, Tirupati.
- (ix) APTRANSCO, Tirupati has given undertaking as per Sl. No. 5 of Check List.
- (x) APTRANSCO, Tirupati has given undertaking that "we undertake the text of the license deed is as per verbatim of MoRTH format (issued vide Ministry's Circular no. RW/NH-33044/29/2015/S&R(R), dt. 22.11.2016".
- (xi) Laying of cable shall be carried out in co-ordination with the representatives of Contractor and Independent Engineer with intimation to NHAI.

5. It is to submit that this office has received shifting of existing utilities i.e., water supply pipelines / OFC etc., falling in PROW along the subject stretch of NH-71 and shifting work is in progress. Therefore, while conveying approval of the subject proposal, Competent Authority may instruct the applicant to co-ordinate with the concerned utility laying agency and also with utility owning agencies if any., who laid their utility along / across NH-71 earlier. Further, the applicant shall be directed to take due care to not disturb the Avenue Plantation along Project Highway.

6. In view of the above, the proposal of APTRANSCO, Tirupati, is herewith forwarded for approval of the Competent Authority for granting of ROW permission laying of 132 KV Renigunta - Puttur Double Circuit XLPE UG cable along NH-71 (Madanapalli to Naidupeta Road) from 125/6 KM to 127/3 KM including proposed Renigunta-Naidupeta 6-Lane NH from Km.1.100 to 1.950 for a total route length of 1649 mtrs including HDD crossing with 250 mm HDPE along Renigunta - Naidupeta Section of NH-71 in the State of Andhra Pradesh.

Encl: 2 Nos. Proposals

Yours faithfully


(G. Venkateshwarlu)
Project Director,
PIU-Tirupati



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, डो.नं : 1/5/564/C, बालाजी कालनी, लक्ष्मी नारायण कल्याण मंडपम, तिरुपति - 517 502

Project Implementation Unit, D.No.1-5-564/C, Balaji Colony,

Opp. Lakshmi Narayana Kalyana Mandapam, Tirupati- 517 502, A.P.

Ph No : 0877-2245060, email : nhaitirupati@gmail.com, piutirupati@nhai.org

CERTIFICATE

Undersigned has examined the proposal of the APTRANSCO, Tirupati laying of 132 KV Renigunta - Puttur Double Circuit XLPE UG cable along NH-71 (Madanapalli to Naidupeta Road) from 125/6 KM to 127/3 KM including proposed Renigunta-Naidupeta 6-Lane NH from Km.1.100 to 1.950 for a total route length of 1649 mtrs including HDD crossing with 250 mm HDPE along Renigunta - Naidupeta Section of NH-71 in the State of Andhra Pradesh and confirms all the standard conditions satisfied which are issued by Ministry Circular F. No. RW/NH-33044/29/2015/S&R(R), dated 22.11.2016.

1. It is certified that there will not be hindrance to the 6-laning, if it needs immediate shifting or re-location of proposed pipeline by the agency at their cost as per the undertaking given by the agency.
2. The supervision for the work of laying of utility will be ensured.
3. It will be ensured that the defects in road portion if any, after laying of utility are corrected.
4. It will be ensured that proposed permission is entered in the register of records.


(G. Venkateshwarlu)
Project Director,
PIU-Tirupati

Independent Engineer for supervision of Six-Laning of NH-71 from Renigunta (Start at junction of NH-71, NH-18A, NH-205 MDR of Renigunta) (Design Km 0.000/Existing Km 124.600 of NH-71) to Naidupeta (End on NH-16) (Design Km 57.046/Existing Km 183+400 of NH 71) (Design Length = 57.046 Km) on Hybrid Annuity Mode in the State of Andhra Pradesh under Bharatmala Pariyojna"

Our ref: 01041112/IE/02/0509

01 November 2023

The Project Director,
National Highways Authority of India
Project Implementation Unit (PIU)
D.No. 1-5-564/C, Balaji Colony,
opp. to LakshminarayanaKalyanaMandapam
Tirupati, Chittoor Dist. Andhra Pradesh-517507

NHAI-PIU TPT.	
No. 3473	
Date 03 NOV 2023	
PD	
DY.M.	<input checked="" type="checkbox"/>
LAO	1 2
PA	
SE	1 2 3
ACCNT.	

Sub: Independent Engineer for supervision of Six-Laning of NH-71 from Renigunta (Start at junction of NH-71, NH-18A, NH-205 MDR of Renigunta) (Design Km 0.000/Existing Km 124.600 of NH-71) to Naidupeta (End on NH-16) (Design Km 57.046/Existing Km 183+400 of NH 71) (Design Length = 57.046 Km) on Hybrid Annuity Mode in the State of Andhra Pradesh under BharatmalaPariyojna-Permission for laying of 132KV Renigunta-Puttur Double Circuit XLPE UG Cable along NH-71 from 125/6 to 127/3 this includes proposed Renigunta-Naidupeta six lane NH from 1+100 to 1+950 for a total route length of 1649 mts including HDD crossing with 250mm HDPE pipes at Renigunta for expansion of Tirupathi airport to International Airport in Chittoor district **Submission of detailed Report/Comments- reg**

Ref:- 1. Concession Agreement dated 17 February 2021
2. Authority letter no. NHAI/PIU-TPT/070RN-22/SL. No. 30-OFC/2023-24/1312 dated 20.10.2023

Sir,

With reference to the Authority letter (#2) cited regarding Report on Permission laying of 132KV Renigunta-Puttur Double Circuit XLPE UG Cable along NH-71 from 125/6 to 127/3 this includes proposed Renigunta-Naidupeta six lane NH from 1+100 to 1+950 for a total route length of 1649 mts including HDD crossing with 250mm HDPE pipes. The proposal has been reviewed and joint inspection has been carried out along with APTRANSCO representative, Authority representative and Concessionaire representative and our observations are as below.

The proposed cable laying details are as tabulated below.

S.No	Chainage		Old/New	Remarks
	From	to		
1	1+100	1+835	New	Along the proposed six lane alignment on RHS
2	1+835	1+950	New	Crossing across the proposed six lane from Right to left
3	126+500	127+300	Old	Along the existing NH-71 on RHS

In view of the above, the submitted proposal for laying of Double Circuit XLPE UG Cable at the above locations has been verified with the MoRTH circular Guidelines RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and found in order. However, the Agency shall follow the below conditions stipulated in the above guidelines.

The proposed cable shall be located beyond the toe line of the embankment and drains, as close to the extreme edge of the ROW as possible

It is to be ensured that at no time there is interference with the damage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 metre below the ground level.

No utility service shall be laid over existing culverts and bridges, the Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed.

The applicant has to execute the works without any damages to the existing utilities on/ Under ground.

The cost of operation and maintenance will have to be borne by the applicant as per the agreement. A copy of NOC from the Concessionaire is enclosed.

The proposal for laying of Double Circuit XLPE UG Cable along the NH-71 as described above is recommended for the approval of Competent Authority.

This is submitted for your information and necessary action please.

Yours sincerely,
For SATRA Services and Solutions Pvt. Ltd.
In JV with Feedback Infra Pvt Ltd


(Venkateshwarlu Chimata)
Team Leader



Encl : As above

Copy to:

1. The Project Manager, MEIL, Srikalahasthi for information
2. The Regional Officer, NHAI, RO- Vijayawada-AP, for favor of information

MEIL Renigunta Roadways Private Limited

Unit No. 22, Technocrat Indl. Estate, Balanagar, Hyderabad - 500037, Telangana INDIA.
Tel : +91-40-44609100 Fax : +91-40-44336800 Email : vmr@mailgroup.com
CIN : U45201TG2021PTC148109

Lr No. MEIL/SITE-PROJECTS/NHAI/Renigunta-Naidupeta/23-24/1037

Date: 03-11-2023

To

The Team Leader cum Sr. Highway Engineer,
M/s SATRA Services and Solution Private Limited
In JV with Feedback Infra Private Limited,
4th Floor, Plot No 17 & 18, Srinivasa Residency,
Sai nagar panchayat, Tirupati Rural,
Chittoor District, Andhra Pradesh-517501

Sub: Six-Laning of NH-71 from Renigunta (Start at junction of NH-71, NH-18A, NH205 MDR of Renigunta) (Design Km 0.000/Existing Km 124.600 of NH-71) to Naidupeta (End on NH-16) (Design Km 57.046/Existing Km 183+400 of NH-71) (Design Length = 57.046 Km) on Hybrid Annuity mode in the State of Andhra Pradesh under Bharatmala Pariyojana – **Laying of 132KV Renigunta – Puttur Double Circuit XLPE UG cable along NH-71 include proposed Renigunta - Naidupeta 6-Lane NH from Km. 1.000 to Km. 1.950 for a total route length of 1649 Mtrs including HDD crossing with 250mm HDPE pipes at Renigunta, Tirupati District of AP under the jurisdiction of NHAI/PIU for expansion of Tirupati Airport to International Airport in Chittoor District – request to verify in accordance with guidelines and submit report – Submission of Concessionaire Concern** – Reg.

Ref: 1) Concession agreement signed,

Dated: 17-02-2021,

2) EE/Const/TPT/AEE(T)/F.No. 63/D. No. 679/23,

Dated: 11-10-2023,

3) NHAI/PIU-TPT/070RN-22/Sl. N. 34-OFC/2023-24/1312,

Dated: 20-10-2023.

Dear Sir,

This is with reference to the subject cited above, the Concessionaire has reviewed and made a joint site inspection along with the official of the APTRANSCO, representatives of Authority, the Independent Engineer and it is to bring to your kind notice that an underground Electrical 11&33KV cables from Km. 1+260 to Km. 2+400 – RHS with in the in the Utility corridor is passes along the proposed alignment of 6-lane of NH-71.

The Proposed underground 132 KV cable from Km. 1+100 to Km. 1+835 -RHS also parallely passes within the Utility corridor along the Project Alignment, crossing the Project Alignment RHS to LHS from Km. 1+835 to Km. 1+950 and proceed on RHS side along the existing NH-71.

In this regard, the Concessionaire hereby submits the concern on the proposed 132 KV underground cable by M/s APTRANSCO along the proposed alignment from Km. 1+100 to Km. 1+835 for a length of 735mtrs and crossing from RHS to LHS from Km. 1+835 to Km. 1+950 of the Renigunta – Naidupeta section of NH-71 with the Following conditions.

- ✦ Laying 132 KV underground cable by M/s APTRANSCO along the Project alignment should be within the specified utility corridor only,
- ✦ Any Encroachment beyond the utility corridor towards the carriageway side shall not be permitted, where the cross-drainage protection works have to be constructed as per the approved drawings.,



- ✚ Laying of the Underground cable shall be at least 1.5 to 2.0m below Ground level as per Guidelines and Clause 3.3.3 (iii) of IRC:98-2011.
- ✚ During trenching and laying, necessary precautions are to be taken care of the existing utilities. If the agency damages any existing utilities, the same has to be rectified to the satisfaction of the respective utility-owning agency of the damaged utility.

Thanking you and assuring the best of our services at all times.

Yours faithfully,

For M/s MEIL Renigunta Roadways Private Limited


M. Mallikarjuna Rao
General Manager,
(Authorized Signatory)

Copy to: The Project Director, PIU -Tirupati (AP) for kind information.

CHECK LIST

(From Renigunta Circle to Naidupeta Circle of Andhra Pradesh-National Highway-71)

Guidelines for processing the proposal for laying Utility/EHV Cables line in the land along National Highway vested with NHAI/PWD/BRO

Sl. No	Item	Information/Status of Crossing-1	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	The Executive Engineer, Construction Division, APTRANSCO, Tirupathi	
1.2	National Highway Number	NH-71	
1.3	State	Andhra Pradesh	
1.4	Location	From Sakshi Press to Sri Yogananda college, Renigunta Mandal, Tirupati District, Andhra Pradesh	
1.5	Chainage in KM	From KM 125/6 to 127/3 of NH-71 (Madanapalli - Naidupeta road) [This includes Proposed Renigunta-Nadupeta 6-Lane NH from Km.1.100 to 1.950]	
1.6	Length In Meters	1649 Mtrs	
1.7	Width Of Available ROW	Proposed 6-Lane NH:- 60 Mtrs Existing NH-71:- 25 Mtrs	
	(a)Left side from centre line towards increasing chainage/km direction	Proposed 6-Lane NH:- 30 Mtrs Existing NH-71:- 12.5 Mtrs	
	(b)Right side from centre line towards increasing chainage/km direction	Proposed 6-Lane NH:- 30 Mtrs Existing NH-71:- 12.5 Mtrs	
1.8	Proposal to lay Underground 132kV EHV Cable line		
	(a)Left side from centreline towards increasing chainage/km direction	NA	
	(b)Right side from centreline towards increasing chainage/km direction	From KM 125/6 to 127/3 of NH-71 (Madanapalli - Naidupeta road) [This includes Proposed Renigunta-Nadupeta 6-Lane NH from Km.1.100 to 1.950]	
1.9	Proposal to acquire land		
	(a) Left side from centreline	NA	
	(b) Right side from centreline	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	
	If not then where to lay cable	NA	
1.11	Details of already laid services,if any along the proposed route.	3 Nos 33 KV UG Cables	
1.12	Number of existing lanes (2/4/6/8 lanes)	2 Lanes	
1.13	Proposed Number of lanes(2 land with paved shoulders 4/6/6/8/lanes)	6 Lanes	
1.14	Service road existing or not		
	If yes then which side	Yes	
	(a) Left side from centreline	Either side of road	
	(b)Right side from centreline	Either side of road	
1.15	Proposed Service Road		
	(a) Left side from centreline	Yes	
	(b) Right side from centreline	Yes	
1.16	Whether proposal to lay 132KV UG Cable Line is after the service road or between the service road and main carriageway	NA	
1.17	Whether carrying of sewage / 132kV EHV cable line has been proposed on highway bridges.then mention the methodology proposed for the same	No	
1.18	Whether carrying of sewage / 132kV EHV cable line has been proposed on the parapet/any part of bridges.If yes then mention the methodology proposed for the same	No	
1.19	If crossing of the road involved if yes,it shall be either encased in pipes or through structure on conduits specially built for that purposes at the expenses of the agency owning the line.	Yes Encased in 250mm HDPE pipes	


Project Director
NHAI, PIU, TIRUPATI.


EXECUTIVE ENGINEER
CONSTRUCTION DIVISION, A.P. TRANSCO
TIRUPATI.

CHECK LIST

(From Renigunta Circle to Naidupeta Circle of Andhra Pradesh-National Highway-71)

Guidelines for processing the proposal for laying Utility/EHV Cables line in the land along National Highway vested with NHAI/PWD/BRO

Sl. No	Item	Information/Status of Crossing-1	Remarks
a	(a) Whether existing drainage structures are allowed to carry the utility pipelines.	NA	
b	(b) Is in on a line normal to NH	Yes	
c	(c) What is the distance of crossing the utility pipelines from the existing structures. Crossing shall not be too near the existing structures on the National Highways, the minimum distance being 15 meter.	NA	
d	(d) The casing pipe (or conduct 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 be large enough to permit ready withdrawal of the carrier pipe/cable. Mention type of casing	250 mm dia HDPE pipe	
e	(e) Ends of the casing/conduct pipe shall be sealed from the outside, so that it does not act as a drainage path	Yes	
f	(f) the casing /conduct pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in falls	NA	
g	(g) The top of the casing /conduct pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts mention the proposed details	Yes, Maintained minimum depth of 1.2 Mtr (Drawing Enclosed)	
h	(h) sewerage /132KV UG Cable Line crossing shall be by boring method (HDD) (Trenchless technology) especially where the existing road pavement is of cement concrete or dense bituminous concrete type	Horizontal Directional Drilling (HDD) methodology	
i	(i) The casing/conduct 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.	The pipes shall be butt jointed throughout its length to prevent water entry	
2	Document /Drawings enclosed with the proposal	Yes Enclosed	
2.1	Cross section the size of trench for open trenching method (is it normal size of 1.2 mtr deep X 0.3 m wide) (i) Should not be greater than 60cm wider than the outer diameter of the pipe (ii) located as close to the extreme edge of the right -of-way as possible but not less than 15 meter from the centrelines of the nearest carriageway. (iii) Shall not be permitted to run along the national Highways when the road formation is situated in double cutting Nor shall these be laid over the existing culverts and bridges. (iv) These should be said that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Yes Enclosed	
2.2	Cross section showing the size of pit and location of 132KV UG Cable Line for HDD method	Yes Enclosed	


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(From Renigunta Circle to Naidupeta Circle of Andhra Pradesh-National Highway-71)

Guidelines for processing the proposal for laying Utility/EHV Cables line in the land along National Highway vested with NHAI/PWD/BRO

Sl. No	Item	Information/Status of Crossing-1	Remarks
2.3	Strip plan/Route plan showing 132KV UG Cable Line , Chainage, width of ROW .Distance of proposed ,cable from edge of ROW, Important mile stone ,intersectins,cross drainage works etc.	Yes Enclosed	
2.4	Methodology for laying of sewage/132KV UG Cable Line	Yes Enclosed	
2.4.1	Open trenching method.(May be allowed in utility corridor only where pavement is neither cement concrete not dense bituminous concrete type.if yes, Methodology of refilling of	Yes Methodology Enclosed	
	(a) The trench width should be at least 30cm ,but not more than 60cm wider than the outer diameter of the Pipe	Agreed	
	(b) For filling the 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 excavated and replaced by selected material.	Agreed	
	(c) The backfill shall be completed in two stages (i)Side fill to the level of the top of the pipe and (ii)overfill to the bottom of the road crust.	Agreed	
	(d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctors Density.over fill shall be compacted to the same density as the material that had been removed .consideration by saturation or ponding will not be permitted.	Agreed	
	(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.	NA	
	(f) The excavation shall be protected by flagman.signs and barricades , and red lights during night hours.	Agreed	
	(g) If required ,a diversion shall be constructed at the expenses of agency owning the utility line.	Agreed	
2.4.2	Horizontal Directional Drilling (HDD) Method		
2.4.3	Methodology for laying Pipe line through CD works and method of laying.in case of where the carrying of 132KV UG Cable Line on the bridge becomes inescapable.	NA	
3	Draft Licence Agreement signed by two witnesses.	Yes Enclosed	
3.1	The Licence fee estimate as per Minitry Guidelines issues vide circular No RW/NH-33044/29/2015/S&R(R) Dated 22.11.2016	Yes Enclosed	
4	Whether performance Bank Guarantee as per Ministry Circular no.RW/NH-33044/29/2015/S&R(R) Dated 22.11.2016 is obtained.	Yes Enclosed	


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Sl. No	Item	Information/Status of Crossing-1	Remarks
4.1	Conformation of BG has been obtained or not as per MoRTH . NHAI guidelines		
5	Affidavit/ Undertaking from the applicant for the following is to be furnished.		
5.1	Undertaking for Not to Damage any other utility ,if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes Enclosed	
5.2	Under taking for Renewal of Bank Guarantee as and when asked by Morth/NHAI.	Yes Enclosed	
5.3	Undertaking for Conformation all standard condition of Ministry Circulars & NHAI's guideline.	Yes Enclosed	
5.4	Undertaking for indemnity against all damages and claims	Yes Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Yes Enclosed	
5.6	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation ,shifting or repairs or alterations to the utility located in the National Highways right-of ways.	Yes Enclosed	
5.7	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage caused to the National highway by the utility line will be borne by the applicant agency owing	Yes Enclosed	
5.8	Undertaking that the text of the license deed is as per verbatim of MoRTH format (Issued vide Ministry Circular. No. RW/NH-33044/29/2015/S&R(R) dated 22/11/2016	Yes Enclosed	
5.9	Undertaking that the applicant has obtained various safety clearances from the respective 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 Highways Administration.	Yes Enclosed	
5.10	If the MoRTH/NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road ,it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time of the intimation given.	Yes Enclosed	
5.11	Certificate from the applicant in the following format (i) Laying of 132KV UG Cable Line will not have any deleterious effect on any of the bridge components and roadway safety for traffic (ii) We do undertake that I/We will relocate service road/approach road/utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six-lanning or another development	Yes Enclosed	
6	Who sign the agreement on behalf of 132kv EHV Cable line agency.		


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Guidelines for processing the proposal for laying Utility/EHV Cables line in the land along National Highway vested with NHAI/PWD/BRO

Sl. No	Item	Information/Status of Crossing-1	Remarks
	Authorised person to sign the agreement on behalf of 132KV UG Cable Line agency	The Executive Engineer, Construction Division, APTRANSCO, Tirupathi	
7	Certificate from Project Director		
7.1	Certificate that the proposal is confirming to all standards conditions issued vide ministrys Circular No: RW/NH-33044/29/2015/S&(R) Dated 22.11.2016	Yes Enclosed	
7.2	Certificate from PD in the following format(Yes/No) (i) It is certified that any other location of the pipe line would be extremely difficult and unreasonable costly and the installation of 132kV EHV Cable line within RoW will not adversely affect of the highway nor the likely future improvement such as widening of the carriage way,easing of curve etc. (ii) for 6-lanning (a) where feasibility is availabe and certify that there will be no hindrance to proposed six-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	Yes Enclosed	
8	If NH section proposed to be taken up by NHAI on BOT basis -a clause is to be inserted in the agreement the permitted Highway on which Licensee has been granted the right to lay Pipeline has also been granted as a right of way to the concessionaire under the concession agreement for upgradation of Section from Km to Km..... of NH No---- man build, Operate and Transfer Basis) and therefore the licenses shall honour the same	NA	
9	Who will supervise the work of laying 132KV UG Cable Line		
	(a) On Behalf of Applicant	The Executive Engineer, Construction Division, APTRANSCO, Tirupathi	
	(b) On Behalf of MoRTH/NHAI	Project Director - NHAI, Tirupathi	
10	Who will ensure that the defects in road portion after laying of 132KV UG Cable Line are corrected and if not corrected then what action will be taken		
	(a) On Behalf of Applicant	The Executive Engineer, Construction Division, APTRANSCO, Tirupathi	
	(b) On Behalf of MoRTH/NHAI	Project Director - NHAI, Tirupathi	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire	Transmission Corporation Of Andhra Pradesh Limited	
12	A Certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma(Copy enclosed)	NA	
13	If any previous is accorded for laying of underground 132kV EHV Cable line	NA	


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