



## National Highways Authority of India

Project Implementation Unit, Amaravati, AP

Door No. 136/A, 106 & 107, 1st Floor, Vasantha Residency,  
Sri Lakshmi Narasimha Colony, MANGALAGIRI - 522 503.  
Guntur District, Andhra Pradesh

**भारतीय राष्ट्रीय राजमार्ग प्राधिकरण**

परियोजना कार्यान्वयन ईकाई, अमरावती, आंध्र प्रदेश.

टेली / Tele : 08645 - 234599  
ई-मेल / E-mail : piuamaravati@nhai.org  
nhaiamaravati@gmail.com



**भारतमाला**  
प्रगति के पथ पर अग्रसर  
**BHARATMALA**  
ROAD TO PROSPERITY

NHAI/PIU-Amaravati/11013/13(OFC)/2020/Vol.1

545

19<sup>th</sup> June, 2020

To  
The Regional Officer,  
National Highways Authority of India,  
21, Teachers' Colony,  
Gurunanak Nagar Road,  
Vijayawada - 520 008

Sir,

Sub: NHAI, PIU-Amaravati - 6 laning of Chilakaluripet - Vijayawada section of NH-16 - M/s. Lingamaneni Landmarks Developers Pvt. Ltd., - Permission for laying utility services on National Highways for Overhead Electrical line (33KV) from Km.1107/215 to 1109/237 & Underground Electrical cable road crossings (HDD) at Km. 1107/285 & Km.1109/237 along Chilakaluripet - Vijayawada section of NH-16, for a total length of 2206mts (2202m + 91m + 93m) at Atmakur Village, Mangalagiri Mandal, Guntur District, Andhra Pradesh - Furnish comments/recommendations - Reg.

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It is to submit that M/s. Lingamaneni Landmarks Developers Pvt. Ltd., vide letter no. LLDPL/NH-16/EL/ATMAKURU dated 24.02.2020 requested permission for erection of Overhead Electrical line (33KV) from Km.1107/215 to 1109/237 & Underground Electrical cable road crossings (HDD) at Km. 1107/285 & Km.1109/237 along Chilakaluripet - Vijayawada section of NH-16, for a total length of 2206mts (2202m + 91m + 93m) at Atmakur Village, Mangalagiri Mandal, Guntur District, Andhra Pradesh.

The request of applicant was communicated to IE vide this office letter even no. 247 dated 02.03.2020 with a request to examine the proposal with reference to MoRTH guidelines and furnish necessary comments/recommendations for processing the proposal.

In this connection, IE vide letter no. AA/OM/1956/VJA/NHAI/Permissions/19-20/1234 dated 18.03.2020 submitted that the proposal was inspected at site in accordance with MoRTH circular, F.No. RW/NH-33044/29/2015/S&R® dated 22.11.2016 and the recommendations are submitted as below:

1. The width of RoW is 50.0mts on BHS from the centre-line. As per the plan submitted, the applicant has proposed to lay 33KV Overhead lines with M+9 towers from Km.1107/215 to Km.1109/237 along LHS (Old ch. From Km.428/763 to Km.430/785 RHS) and underground crossing through Horizontal Directional Drilling (HDD) at Km.1107/285 (Km.430/715) & at Km.1109/237 (Km.428/763).

Contd..2

2. The applicant has submitted:

- (i). Checklist as per Annexure-I
- (ii). Certificate and Draft license agreement regarding grant of ROW permission for laying of Utility services on National Highways.
- (iii). Undertakings in respect of the following:
  - (a) To furnish Performance Bank Guarantee for the amount calculated at the rates as per latest Ministry circular per route metre to NHAI for a period of 1 year after obtaining approval.
  - (b) Not to damage other utility, if damaged, then will pay losses either to NHAI to the concerned agency.
  - (c) to furnish the renewal of Performance Bank Guarantee as and when asked by MoRT&H/NHAI.
  - (d) to Indemnify against all damages and claims.
  - (e) for management of traffic movement during laying line without hampering the shifting of 33KV line as and when required by the NHAI at applicant's own cost.
  - (f) for text license deed is as per the verbatim of MoRTH format (issued vide Ministry's circular no. RW/NH-33044/29/2015/S&R® dated 22.11.2016).
  - (g) for traffic movement during laying of 33KVA electrical line to be managed by the applicant.
  - (h) any claim raised by the Concessionaire to be paid by the applicant.
  - (i) For taking prior approval of NHAI before undertaking of any work of installation, shifting or repairs or alterations to the 33KVA electrical line located in the National Highway Right of Way.
  - (j) expenditure, if any, incurred by NHAI for repairing any damage caused by the National Highway by laying, maintenance or shifting of the 33KVA electrical line will be borne by the agency owing the line.
  - (k) for, if 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 NHAI at the cost of the agency owning the utility line within reasonable time (not exceeding 60days) of the intimation given.
  - (l) that applicant has obtained all the safety clearances from the representative authorities such as Directorate of Electricity, Chief

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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.

- (iv) Methodology and detailed drawings for erecting overhead M+9 Towers and crossing with Horizontal Directional Drilling (HDD) method.
- (v) License Fee estimate/estimate for performance Bank Guarantee for erection of proposed Electrical line along with supporting documents.


While submitting the above, IE recommended for approval of Competent Authority for erection of 33KV Overhead Electrical line along/across highway as requested by the applicant.

It is to further submit that the above proposal for erection of M+9 Towers along NH-16 was got routed through APSPDCL by the applicant M/s LLDPL, for which approval for execution of work was accorded vide APSPDCL letter no. dated EE/O/AMT/AEE.Comml/F.No./D.No.141/20 dated 26.02.2020.

The proposal submitted by the applicant has been verified in this office and found to be in order.

In light of the above, the proposal for erection of Overhead Electrical line (33KV) from Km.1107/215 to 1109/237 by M+9 Towers & Underground Electrical cable road crossings (HDD) at Km. 1107/285 & Km.1109/237 along Chilakaluripet - Vijayawada section of NH-16, for a total length of 2206mts (2202m + 91m + 93m) at Atmakur Village, Mangalagiri Mandal, Guntur District, Andhra Pradesh, is herewith recommended with a request to communicate the approval of the Competent Authority, NHAI, at an early date.

Yours faithfully,



(Dr.T.SRINIVAS)  
Project Director  
PIU-Amaravati(AP)



Encl: Proposal in Original.

## CERTIFICATE

1. Undersigned has examined the proposal of the applicant for erection of 33KVA Electrical line by M+9 Towers and submit that the proposal is confirming to all the standard conditions issued vide Ministry Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
2. It is certified that any other location of the Electrical line would be extremely difficult and unreasonable costly and installation of Electrical line within RoW will not adversely affect the design, stability & traffic safety of highway nor the likely future improvement such as widening of the carriageway, easing of curve, etc.
3. It will be ensured that supervision of the work of laying of utility and ensured that the defects in road portion after laying of utility will be corrected.
4. It will be notified/forfeit the Bank Guarantee for claims for damages done/ disruption in working, if any.
5. It will be ensured that proposed permission is entered in the register of records.
6. The record of previous proposal, if any, has been considered a copy of the same is herewith enclosed with the approval.



Project Director  
NHAI, PIU-Amaravati(AP)



**Record of Right of Way permission granted for laying underground / overhead electrical cables**

1. Name of the State : Andhra Pradesh  
 2. Name of PIU : Amaravati (AP)  
 3. NH Number : 16

Sl. No.	Location (Chainage in Km)	Left or Right side of NH (towards increasing chainage/ Km direction)	Section and reach	Kind of service	Name of licensee and contact address	Any deviation from MOST standard norms	Remarks
1	Km.424+160	Crossing	Chilakaluripet – Vijayawada section	33 KVA power line	NRI Academy	No	--
2	Km. 404/700	Crossing	Chilakaluripet – Vijayawada section	33 KV electrical line	APSPDCL, Tenali	No	--
3	Km. 430/950	Crossing	Chilakaluripet – Vijayawada section	33 KV electrical line	Hindustan Coca-Cola Beverages Pvt. Ltd.,	No	--

  
 Project Director  
 NHAI, PIU-Amaravati(AP)

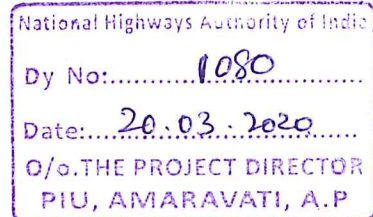
Letter No. AA/OM/1956/VJA/NHAI/Permissions/19-20/ 1234

Date: 18<sup>th</sup> March '2020

To

**The Project Director,**

National Highways Authority of India,  
PIU-Amaravati, Dr.No.136/A, 106 & 107,  
Lakshmi Narasimha Colony, Vasantha Residency,  
Mangalagiri, Guntur District, A.P - 522503.



**Project:** Operation & Maintenance of "6-laning of Chilakaluripet-Vijayawada section of NH-5 (New No. NH-16) from Km. 355+000 to Km. 434+150.

**Sub: M/s Lingamaneni Landmarks Developers Pvt. Ltd., - Permission for laying utility services on National Highways for Overhead Electrical line (33KV) from Km.1107/215 to 1109/237 & Underground Electrical cable road crossings (HDD) at Km. 1107/285 & Km. 1109/237 along Chilakaluripet - Vijayawada section of NH-16, for a total length of 2222mts (2022m = 100m + 100m) at Atmakuru village, Mangalagiri Mandal, Guntur district, Andhra Pradesh - Comments furnished- Reg.**

**Ref:** 1. Lr.No. NHAI/PIU-Amaravati/11013/13(E)/2016/Vol.1/247 dated 02.03.2020 of PIU, Amaravati.  
2. M/s. Lingamaneni Landmarks Developers Pvt. Ltd., Lr. No.LLDPL/NH-16/EL/ATMAKURU, dated 24.02.2020

Sir,

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With reference to the letters cited above, IE has inspected the site as per check list submitted by the applicant and also as per MoRTH circular, F.No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016. The observations are here under:

1. The width of the ROW is 50.0mts in LHS and 50.0 mts in RHS from center line. As per the plan submitted, the applicant has proposed to lay 33KV Over Head lines with M+9 towers from Km.1107/215 to Km.1109/237 LHS (old Km. 428/763 to Km. 430/785 RHS) along the Highway and underground crossing through Horizontal directional drilling (HDD) method at Km.1107/285( Km. 430/715) & Km. 1109/237 (Km. 428+763) across the highway
2. The applicant has submitted checklist as per Annexure I, Certificate, Draft License deed and following undertakings
  - i) To furnish a Bank guarantee for the amount calculated at the rates as per latest ministry circular per route meter to NHAI for the period of one year after obtaining approval.
  - ii) Not to damage to other utility, if damaged, then will pay the losses either to NHAI to the concerned agency.
  - iii) To furnish the Renewal of Bank Guarantee as and when asked by MORTH/NHAI.
  - iv) For confirming all standard conditions of Ministry Circulars and NHAI 's guidelines.
  - v) To Indemnify against all damages and claims.



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- vi) For management of traffic movement during laying of utility line without hampering the traffic shifting of 33 KV Electrical line as and when required by NHAI at applicant's own cost.
  - vii) For text license deed is as per verbatim of MORTH format (issued vide Ministry's Circular No.RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.
  - viii) For Traffic movement during laying of 33 KVA Electrical line to be managed by us.
  - ix) Any claim raised by the concessionaire has to be paid by the applicant.
  - x) For taking Prior approval of NHAI before undertaking of any work of installation, shifting, or repairs, or alterations to the 33KVA Electrical line located in the National Highway right of way.
  - xi) Expenditure, if any, incurred by NHAI for repairing any damage caused by the National Highway by laying, maintenance or shifting of the 33KVA Electrical line will be borne by the agency owing the line.
  - xii) For, if 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 NHAI at the cost of the agency owing the utility line within a reasonable time (not exceeding 60 days ) of the intimation given.
  - xiii) Undertaking that the applicant has obtained all 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 Clearance's applicable, before applying to Highway Administration.
3. Further applicant has submitted detailed drawings and methodology for erecting overhead M+9 towers and crossing with Horizontal Directional Drilling (HDD) method.

In view of the above we found the proposal submitted by the applicant vide reference 2<sup>nd</sup> cited for laying of 33KV Over Head lines along the Highway by M+9 Towers from Km.1107/215 to Km.1109/237 LHS (old Km. 428/763 to Km. 430/785 RHS) and underground crossings through Horizontal Directional Drilling (HDD) method at Km.1107/285( Km. 430/715) & Km. 1109/237 (Km. 428+763) across the highway is in order. Hence, Competent Authority may take a suitable decision to accord permission to lay 33KV lines as requested by the applicant.

Thanking you,

Yours faithfully,

 18/3/20

**(M. PITCHI REDDY)**

**Team Leader**

**Chilakaluripet-Vijayawada O&M Project**

CC to: 1. Mr. Ravi Kiran – Chief of Operation & Maintenance, VTPL, Kaza

2. Mr. K. Surendra – Project Head, M/s. Aarvee Associates, HO, Hyderabad



PROPOSED 33KV OVER-HEAD ELECTRICAL LINE  
FROM KM.1107/215 TO KM.1109/237 &  
UNDER GROUND ELECTRICAL CABLE  
ROAD CROSSINGS(HDD)@Km.1107/285 &  
Km.1109/237 OF NH-16(OLD NH-5) ON  
("KOLKATA-CHENNAI" SECTION)

TO CHENNAI



PRO.OVER HEAD ELECTRICAL LINE  
ON M+9 TOWERS

Km1108/000

45.00

47.00

Km1107/800

45.00

45.00

PRO.OVER HEAD ELECTRICAL LINE  
ON M+9 TOWERS

Km1107/600

45.00

45.00

COLONY ROAD  
@Km 1107/475

7.00M WIDE BT ROAD  
@Km 1107/440

Km1107/400

46.00

45.00

CROSSING@Km 1107/285

70.0

ELECTRICAL LINE STARTING POINT  
@Km 1107/215

46.00

45.00

Km1107/200

14.9

8.00

6.00

12.60

9.00

12.60

3.60

8.20

11.10

6.00M WIDE CC ROAD  
@Km 1107/075

Km1107/000

46.00

19.00

18.80

8.75

45.00

TO KOLKATA

EXL., HPCL RO  
@Km 1107/900

2X7.00M WIDE BT ROAD  
@Km 1107/850

TO AP POLICE HEAD QUARTERS



PIPE CULVERT  
@Km 1107/560

ULTRA TECK READY MIX  
PLANT

2X7.00M WIDE BT ROAD  
@Km 1107/470

RCC VUP  
@Km 1107/470

ELECTRICAL CABLE CROSSING(HDD).  
@Km 1107/285  
(33KV 3Cx400 Sq.mm XLPE UG Cable  
in 8" dia. Pipe, Road Crossing  
by HDD Method)

HILL

6.00M WIDE EATH TRACK  
@Km 1107/175

SLAB CULVERT  
@Km 1107/162

RCC MINOR BRIDGE  
@Km 1107/115

LEGEND:-

ROAD BOUNDARY(ROW) -----

MAIN CARRIAGEWAY =====

BERM - - - - -

CENTER LINE OF ROAD -----

PRO. ELECTRICAL LINE - - - - -

CULVERT/BRIDGE =====

MEDIAN OPENING =====

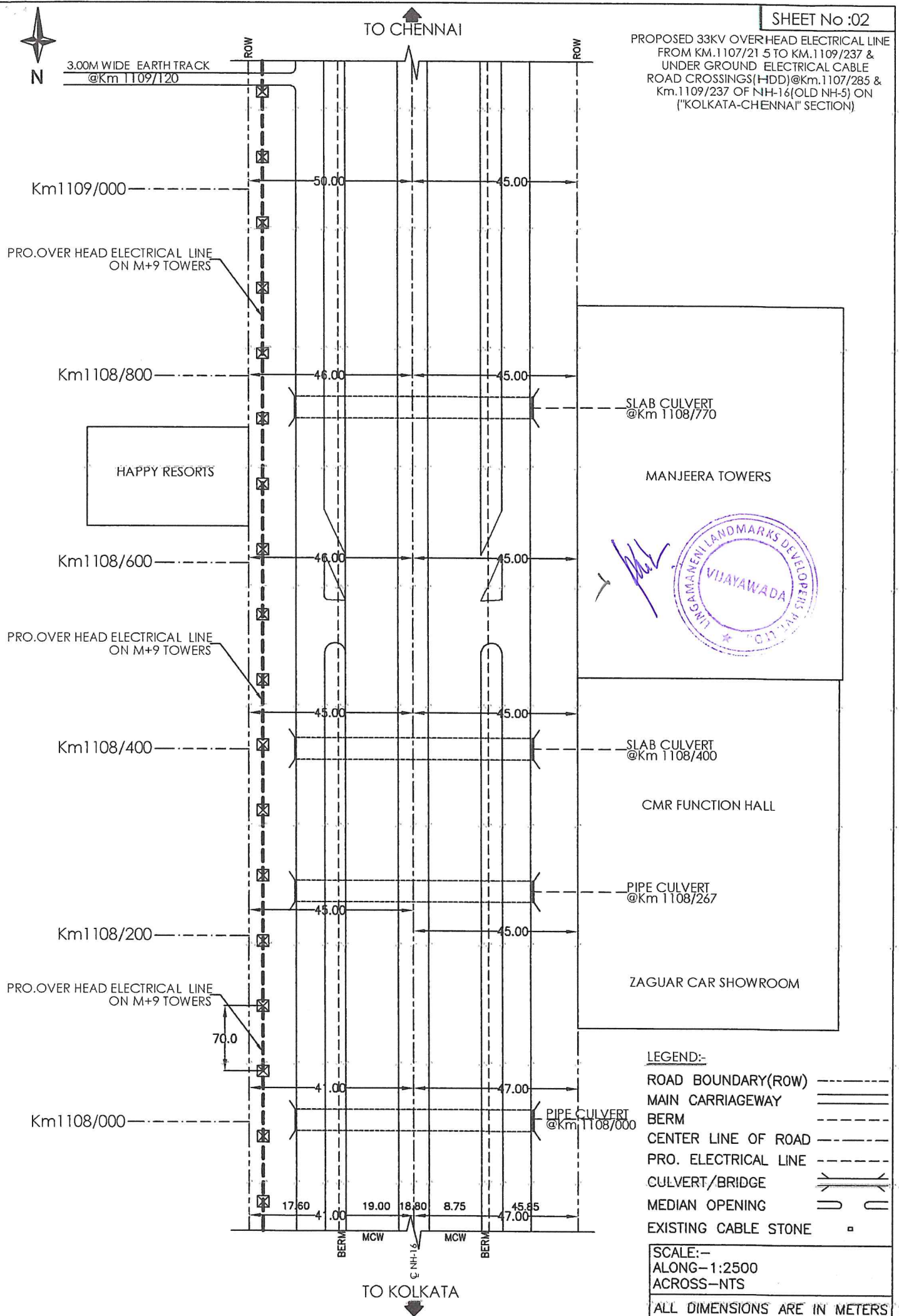
EXISTING CABLE STONE ○

SCALE:-  
ALONG-1:2500  
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS



PROPOSED 33KV OVER HEAD ELECTRICAL LINE  
FROM KM.1107/215 TO KM.1109/237 &  
UNDER GROUND ELECTRICAL CABLE  
ROAD CROSSINGS(HDD)@Km.1107/285 &  
Km.1109/237 OF NH-16(OLD NH-5) ON  
("KOLKATA-CHENNAI" SECTION)

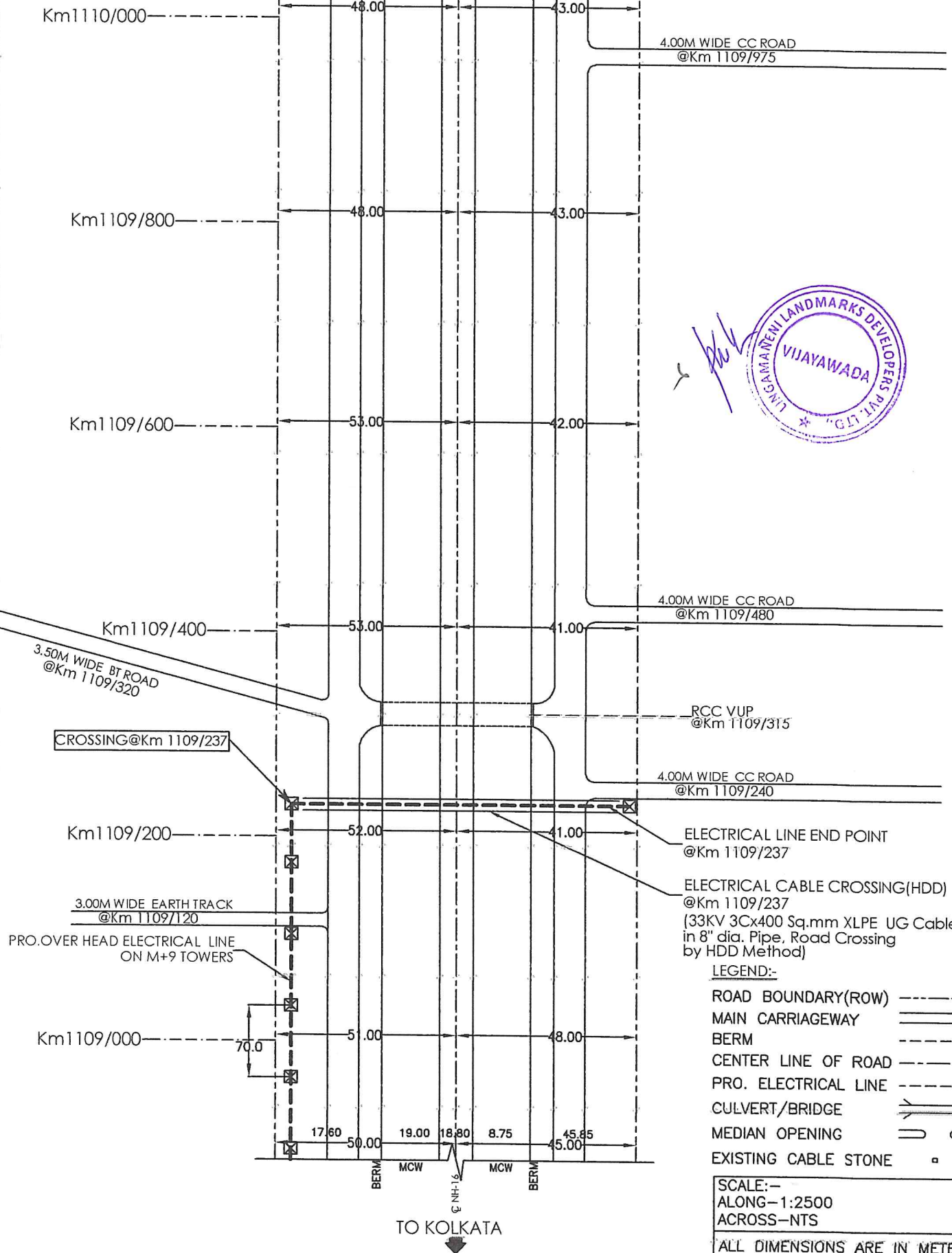




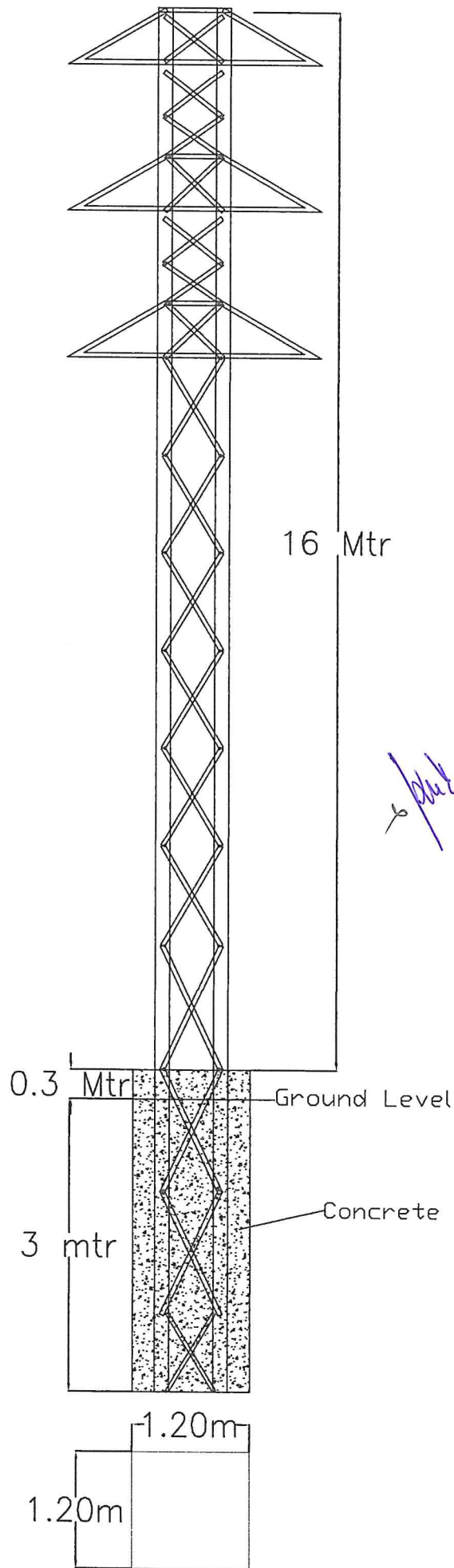
TO CHENNAI

SHEET No :03

PROPOSED 33KV OVER HEAD ELECTRICAL LINE  
FROM KM.1107/21.5 TO KM.1109/237 &  
UNDER GROUND ELECTRICAL CABLE  
ROAD CROSSINGS (HDD) @ KM.1107/285 &  
KM.1109/237 OF NH-16 (OLD NH-5) ON  
("KOLKATA-CHENNAI" SECTION)

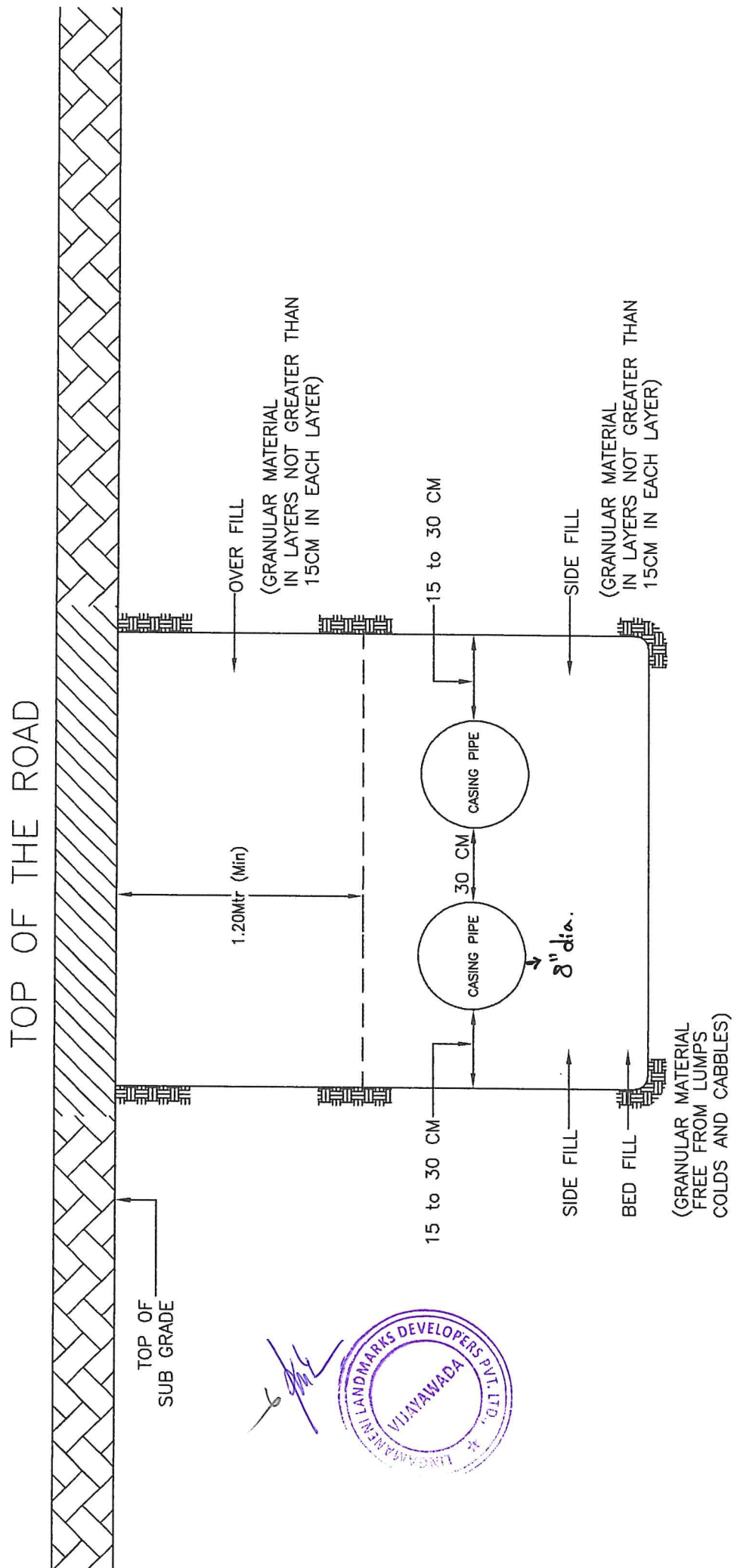


# M+9 TOWER DETAILS



TOWER STRUCTURE FOUNDATION  
1.2mx1.2mx3.0m

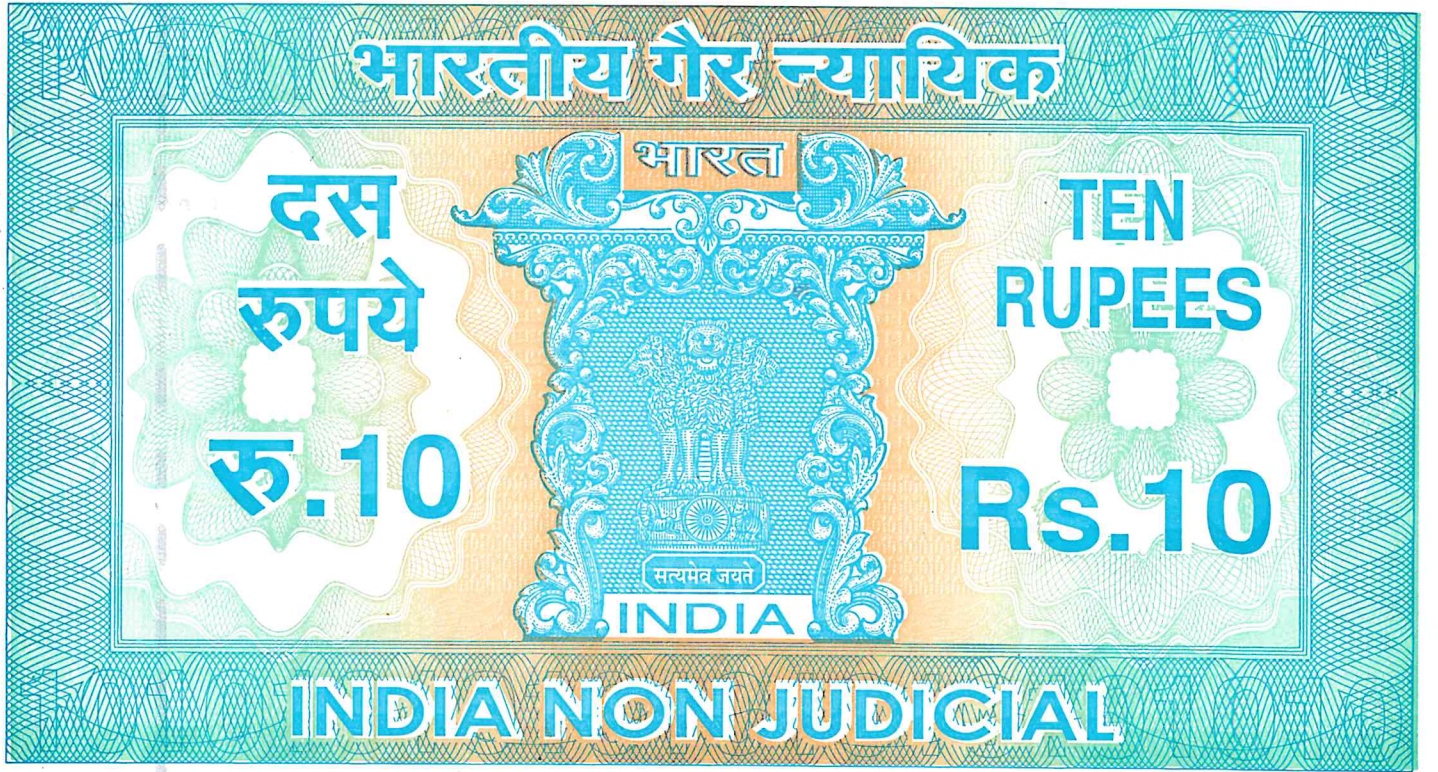




# INSTALLATION OF CASING PIPE FOR CROSSING THE ROAD

# CROSSING THE ROAD





ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

85AA 464787

A. JAGADISH

Licensed Stamp Vendor

L.No. 09-09-003/2002

R.L. No. 09-03-003/2020-2022

GOLAGAMUDI, Anikopalli,  
S.P.S.R. Nellore Dist.

s.No : 3185 of Rs : 10/

Sold to..... *Gr. Rajendra Babu s/o Krishnaiah Nellore*  
Whom..... *Lingamaneni Landmark Developers Pvt Ltd, Atmakur*

### CERTIFICATE

**Name of the Work :** Proposal for laying of Over Head Electrical Line (33KV) from Km 1107/215 to Km 1109/237 & Under Ground Electrical Cable Road Crossings(HDD)@Km.1107/285 & Km.1109/237 Total Length of (2022M + 91M+93M=2206Mts Length) of NH-16 (Old NH-5) on Kolkata-Chennai Section at Atmakur Village, Mangalagiri Mandal, Guntur District in the state of Andhra Pradesh of NH-16 Land.

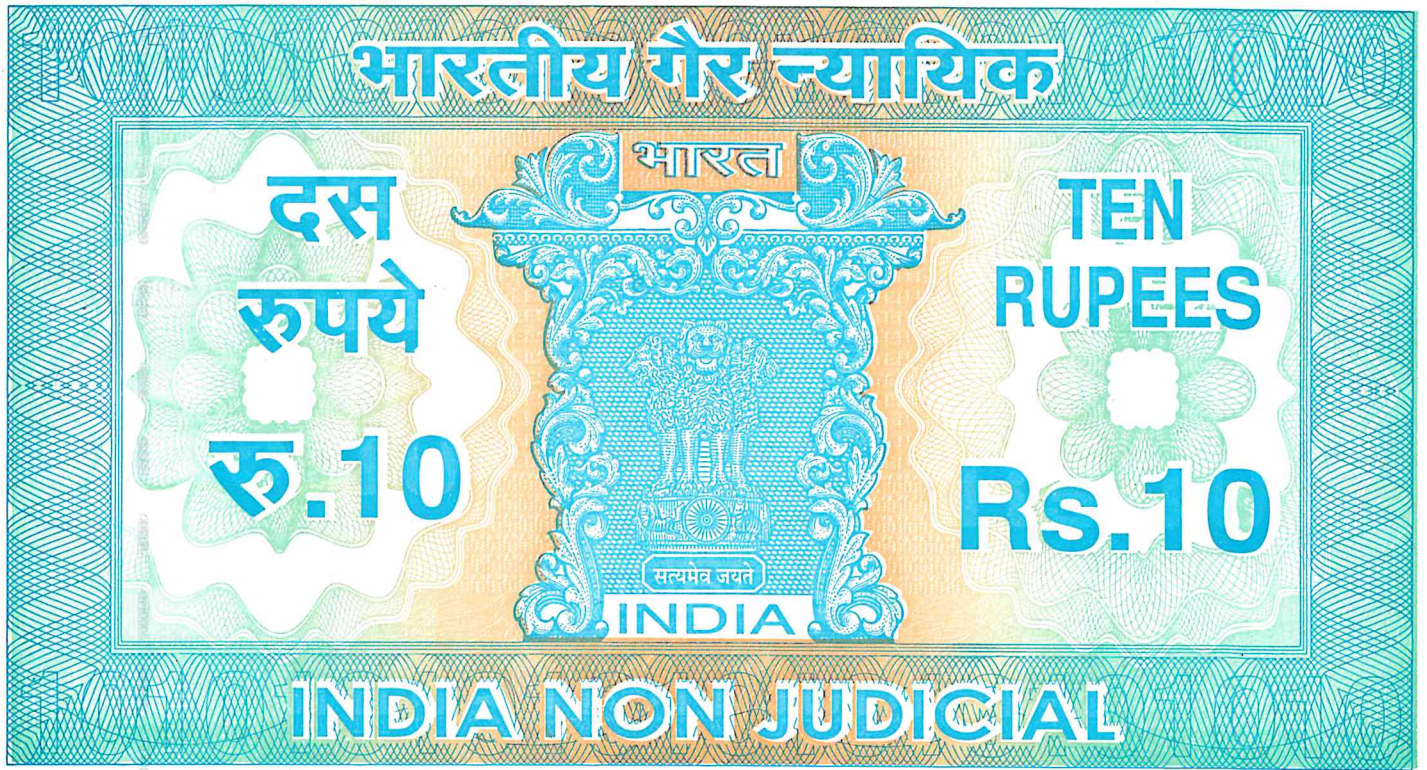
- 1) Laying of Over Head Electric Line & Under Ground Electrical Cable crossing(HDD) will not have any deleterious effects on any of the bridge components and roadway safety for traffic.
- 2) This proposal implemented now will not affect any likely future improvement to geometries.
- 3) The proposal is in accordance with the Government of India specifications.
- 4) "We do undertake that I will relocate the laying of over head electrical line at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for any other development.
- 5) We undertake that permission does not lead to the adverse impact on the safety and stability of the highway structures.

**For Lingamaneni Landmark Developers Pvt Ltd.**

Authorised Signatory







ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

85AA 464789

S.No: 3188 Dt: 25-01-2020 Rs: 10,

Sold to: G. Rajendra Babu s/o Krishnaiah Nellore  
For Whom: Angamavuri Landmark Developers Pvt Ltd. Atmakur

A. JAGADISH  
Licensed Stamp Vendor  
L.No. 09-09-033/2002  
R.L. No. 09-09-003/2020-2021  
GOLAGAMUDI, Anikepalli,  
S.P.S.R. Nellore Dist.

#### UNDERTAKING

**Name of the Work :** Proposal for laying of Over Head Electrical Line (33KV) from Km 1107/215 to Km 1109/237 & Under Ground Electrical Cable Road Crossings (HDD) @Km.1107/285 & Km.1109/237 Total Length of (2022M + 91M+93M= 2206Mts Length) of NH-16 (Old NH-5) on Kolkata-Chennai Section at Atmakur Village, Mangalagiri Mandal, Guntur District in the state of Andhra Pradesh of NH-16 Land.

1. Undertake that We shall furnish a Bank Guarantee for the amount calculated at the rate of as per latest Ministry circular per route meter to the NHAI for a period of one year after obtaining approval.
2. Undertake that Not to damage to other utility, if damaged, then to pay the losses either to NHAI to the concerned agency.
3. Undertake that we will furnish the Renewal of Bank Gurantee as and when asked by MoRTH/NHAI.
4. Undertake that confirming all standard conditions of Minsitry Circulars and NHAI's guidelines.
5. Undertake that Indemnify against all damages and claims.





6. Undertaking for management of traffic movement during laying of utility line without hampering the traffic Shifting of 33 KV Electrical Line as and when required by NHAI at applicant's own cost.
7. Undertaking that 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) dated 22.11.2016.
8. Undertake that Traffic movement during laying of 33KVA Electrical line to be managed by us.
9. Undertake that if any claim is raised by the Concessionaire then the same has to paid by the applicant.
10. Undertake that we will take prior approval of the NHAI shall be obtained before undertaking of any work of installation, shifting or repairs, or alterations to the showing 33KVA Electrical line located in the National Highway right of way.
11. Undertake that we will bear Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the 33KVA Electrical line will be borne by the agency owning the line.
12. Undertake that If 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 NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.
13. 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 organisation. Oil Industry Safety Direcotrte. State/Central Pollutino Control Board and any other statutory clearance's applicable. before applying to Highway Administrtation.
14. Undertake that If the MoRTH/NHAI considers it necessary in future to move the utility line for any work fo 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 (not exceeding 60 days) of the intimation given.

**For Lingamneni Landmark Developers Pvt Ltd.**

**Authorised Signatory**



## CHECK – LIST

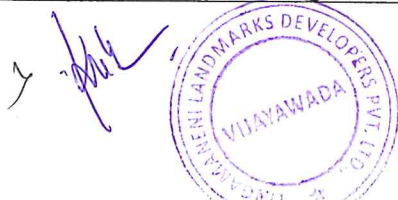
Guidelines for processing the proposal for laying of Over Head Electrical Line (33KV) in the land along National Highways vested with NHAI/PWD/BRO.

### Relevant Circulars

1)Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016

Check list for obtaining approval for laying of Over Head Electrical Line (33KV) & Under Ground Electrical Cable Road Crossings on NH land.

S.No.	Item	Information/Status	Remarks
1.	General Information		
1.1	Name and Address of the Applicant/ Agency	M/s Lingamaneni Landmark Developers Pvt Ltd.	
1.2	National Highway Number	NH-16 (Old NH-5)	
1.3	State	Andhra Pradesh	
1.4	Location	Atmakur	
1.5	(Chainage in Km)	Km 1107/215 to Km 1109/237 & Road Crossings (HDD) @ Km. 1107/285 & Km.1109/237	
1.6	Length in Meters	2022.0+91.0+93.0=2206.0m	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/Km direction	52.0m	
	(b) Right side from center line towards increasing chainage/Km direction	48.0m	
1.8	Proposal to lay over head electrical line		
	(a) Left side from center line towards increasing chainage/Km direction	2022 mt.	
	(b) Right side from center line towards increasing chainage/Km direction	0mt.	
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	NA	
	If not then where to lay the cable	Over Head Electrical Line (33KV) from Km 1107/215 to Km 1109/237 & Under Ground Electrical Cable Road Crossings (HDD) @ Km.1107/285 & 1109/237	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of lanes (2/4/6/8 lanes) existing	6 Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	YES	

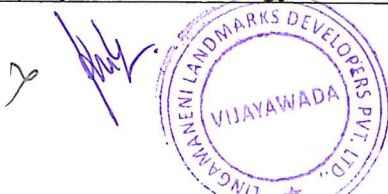




	If yes then which side (a) Left side from center line	31.10 mt.	
	(b) Right side from Center line	33.90 mt.	
1.15	Proposed Service road	NA	
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay Electrical line is after the service road or between the service road and main carriage way	After service road	
1.17	Whether carrying of sewage/gas pipe line has been proposed on highway Bridges.  If Yes, the mention the methodology proposed for the same	NO	
1.18	Whether carrying of sewage/gas pipe line has been proposed on parapet/any part of the bridges.  If Yes, the mention the methodology proposed for the same	NO	
1.19	If crossings of the road involved  If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	Yes @ Km 1107/285 & Km.1109/237 Through under ground (HDD)	
	a) Whether existing drainage structure allowed to carry utility pipeline.	NA	
	b) Is it on a line normal to NH	Yes	
	c) What is the distance of crossing the electrical lane from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	More than 15.0m	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line 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.	Proposed Through under ground (HDD) as per drawing enclosed	
	e) Ends of the casing / conduit pipe / tower foundation shall be sealed from the outside, so that it does not act as a drainage path.	YES	
	f) The casing / conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the	YES	



	fills.		
	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	YES	
	h) Mention the methodology proposed for crossing of road for the proposed Electrical cable. Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Proposed Through under ground (HDD) as per drawing enclosed	
	i) The casing / Conduit 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.	YES	
2	Document / drawing enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of the trench for open trenching method. (Is it normal size of 1.2m deepX0.3 wide) i) Should not be greater than 60 cm 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 centre-line of the nearest carriageway iii) shall not be permitted to run along the National highway when the road formation is situated in double cutting, Nor shall these be laid over the existing culverts and bridges. iv) These should be so laid that their top is atleast 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Drawing enclosed	
2.2	Cross section showing the size of pit and location of pipe line for HDD method.	Drawing Enclosed	
2.3	Strip plan / Route plan showing the utility /Gas pipe line. chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drawings work etc.	Enclosed	
2.4	Methodology for laying of utility electrical line	Enclosed	
2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, methodology of refilling of trench.	Over Head Electrical Line	





	(a) The trench width should be atleast 30 cm but not more than 60cm wider than the outer diameter of the pipe.	Over Head Electrical Line	
	(b) For filling of the trench, bedding shall be to a depth of not less than 30 cm. 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 be excavated and replaced by replaced by selected material	Back filling as per drawing	
	(c) The backfill shall be completed in two stages (i) side-fill to the elvel fo the top of the pipe and (ii) overfill to the bottom of the road crust.	Back filling as per drawing	
	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 Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	NA	
	e) The road 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.	NA	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	
2.4.2	Horizontal Directional Drilling (HDD) method.	Proposed Through under ground (HDD)	
2.4.3	Methodology for laying of Pipe Line through CD works and method of Laying. In cases where the carrying of gas pipe line on the bridge becoems inescapable.	Proposed Through under ground (HDD)	
3	Draft License agreement signed by two witnesses.	YES	
3.1	The License fee estimate s per Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016	YES	
4	Whether Performance Bank Guarnatee as Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 is obtained.	An undertaking given by the agency towards Performance Bank Guarantee as per extant norms MORTH per each crossing as demanded by	

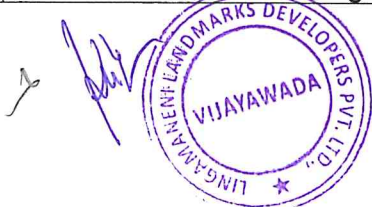


		NHAI/MORTH.	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.	Yes	
5	Affidavit / undertaking from the Applicant for the following is to be furnished		
5.1	Undertaking for not to Damage any other utility. If damaged then to pay the losses either to NHAI or to the concerned agency.	YES	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI.	YES	
5.3	Undertaking for Confirming all standard conditions of Ministry Circulars and NHAI's guideline	YES	
5.4	Undertaking for Indemnity against all damages and claims.	YES	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	YES	
5.6	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be paid by the applicant.	Yes	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of the installation, shifting or repairs or alterations to the utility located in the National Highway right of ways.	Yes	
5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	Yes	
5.9	Undertaking that 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) dated 22.11.2016.	Yes	
5.10	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 organisation, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration.	Yes	
5.11	If the MoRTH/NHAI considers it necessary in future to move the utility line for any work for improvement or repairs to the road it will be carried out	Yes	







	as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.		
5.12	Certificate from the applicant in the following format i) Laying of over head electrical line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. ii) for 6 laning "we do undertake that I will relocate services road / approach road / utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laning or any other development.	Yes, Enclosed	
6	Who will sign the agreement on behalf of over head electrical line agency	M/s Lingamaneni Landmark Developers Pvt Ltd.	
	Power of Attorney to sign the agreement is available or not		
7	The Project Director, will submit the following Certificates.		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No.NH-41 (58)/68 dated 31.01.1969, Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	Yes	
7.2	Certificate from PD in the following format (i) " It is certified that any other location of the <del>Water Supply</del> <sup>Electrical</sup> pipe line would be extremely difficult and unreasonable costly and the installation of <del>Water Supply</del> <sup>Electrical</sup> pipe line within ROW 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".	Yes Certificate enclosed.	
	(ii) for 6-lanning (a) Where feasibility is available " I do certify that there will be no hindrance to proposed six-lanning 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 accommodation proposed six-laning".	---	
8.	If NH section proposed to be taken up by NHAI on BOT basis – s cause in para 9 to be inserted in the agreement. "The	Yes Inserted	



	permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right of the way to be concessional under the concession agreement for up-gradation Kolkata-Chennai section from Km 1182/802 to Km 1356/547 of NH No. 16 on build, operate and transfer basis] and therefore, the license shall honor the same".		
9	Who will supervise the work of laying of Water pipe line.		
	(a) On behalf of the Applicant	M/s Lingamaneni Landmark Developers Pvt Ltd.	
	(b) On behalf of NHAI	Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	M/s Lingamaneni Landmark Developers Pvt Ltd.	
	(b) On behalf of NHAI	Supervision Consultant	
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	M/s Lingamaneni Landmark Developers Pvt Ltd.	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	Yes	
13	If any previous approval is accorded for laying of over head electrical line then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed.	Yes	



  
 [Name, Designation and signature  
of the authorised representative of  
applicant]

[Name, Designation and signature  
of concerned authority of  
NHAI/PWD/BRO]



**LIST OF DOCUMENTS ENCLOSED**

S.No.	Description
1	Brief note on importance to lay Over Head Electrical Line & Under Ground Electrical Cable Road Crossings(HDD) NH-16 land.
2	License Deed to lay Over Head Electrical Line & Under Ground Electrical Cable Road Crossings(HDD) NH-16 land.
3	Annexure – A (undertaking to lay Over Head Electrical Line & Under Ground Electrical Cable Road Crossings(HDD) NH-16 land.)
4	Certificate cum undertaking
5	Annexure – B
6	Annexure – C
7	Construction of Methodology to lay Over Head Electrical Line & Under Ground Electrical Cable Road Crossings(HDD) NH-16 land.
8	Route map showing Over Head Electrical Line & Under Ground Electrical Cable Road Crossings(HDD) NH-16 land.
9	Cross section of the Over Head Electrical Line & Under Ground Electrical Cable Road Crossings(HDD) NH-16 land.
10	Check list for getting approval for laying Over Head Electrical Line & Under Ground Electrical Cable Road Crossings(HDD) NH-16 land.



## SPECIFICATION REPORT

Specification report to accompanying the estimate towards "License fee" for laying of Over Head Electrical Cable (33KV) from Km 1107/215 to Km 1109/237 & Under Ground Electrical Cable Road Crossings@Km.1107/285 & Km.1109/237 Total Length of (2022M + 100M+100M=2222Mts Length) of NH-16 (Old NH-5) on Kolkata-Chennai Section at Atmakuru Village, Mangalagiri Mandal, Guntur District in the state of Andhra Pradesh of NH-16 Land by M/s Lingamaneni Landmark Developers Pvt Ltd.

The Director, M/s Lingamaneni Landmark Developers Pvt Ltd., have requested to grant permission for laying of Over Head Electrical Cable (33KV) from Km 1107/215 to Km 1109/237 & Under Ground Electrical Cable Road Crossings@Km.1107/285 & Km.1109/237 Total Length of (2022M + 100M+100M=2222Mts Length) of NH-16 (Old NH-5) on Kolkata-Chennai Section at Atmakuru Village, Mangalagiri Mandal, Guntur District in the state of Andhra Pradesh of NH-16 Land.

The rate of land abutting NH/SH/ZPP/MPP obtained from the website of Registration and stamps department of Government of Andhra Pradesh is used for calculation of License fee. The list of villages falling in the proposed stretch of road with relevant, corresponding chainges and breakup of Village wise land rates are as follows.

S.No	Name of the Village	Chainage		Length in mtr	Rate of Land abutting NH	
		from	to		Per Acre	Per Sq.m
1	Atmakur Village, Mangalagir Mandal, Guntur District, A.P.,	1107/215	1109/237	2022.0	3,00,08,000	7,414.00

The land rate corresponding to the chainges is used for calculating License Fee.

### LICENSE FEE CHARGES

S.No	Description	Measurements in mtrs			Quantit y in Sq.m	Rate/S q.m	Amount in Rs.
		L	B	D			
1	From Km 1107/215 to Km 1109/237	2022	1.20x1.20 =1.44x32 no of poles	-	46.08	7,414	3,41,637.00
2	Road Crossings @Km 1107/285 & Km 1109/237.	100+ 100		0.2+ 0.2= 0.40	80	7,414	5,93,120.00
Total Amount							9,34,757.00

License Fee (Rs/Sq.m/Month) =  $\frac{9,34,757}{10 \times 12}$  = Rs 7,790/Month

License Fee for 5 Years =  $5 \times 12 \times 7,790$  = Rs. 4,67,080

Four Hundred  
(Rupees Four Lakhs Sixty Seven Thousand and Eighty Only)

(S D V KRISHNA KUMAR)  
DIRECTOR

Lingamaneni Landmark Developers Pvt Ltd

(T.SRINIVAS)  
Project Director  
NHAI, PIU, Amaravati



**PERFORMANCE OF BANK GURANTEE**

S.No	Description	Measurements in mtrs			Length in mtrs	Rate /RM	Amount in Rs
		L	B	D			
1	From Km 1107/215 to Km 1109/237	2022.0	-	-	2022	100	2,02,200
2	Crossing @ Km 1107/285 & Km.1109/237	100+10 0			200	100	20,000
Performance of Bank Guarantee							2,22,200

(Rupees Two Lakhs Twenty Two Thousand and Two Hundred Only)

Hence the license fee estimate is prepared as per the MORTH Circular No. RW/NH/33044/29/2015/S&R (R) dated 22.11.2016.



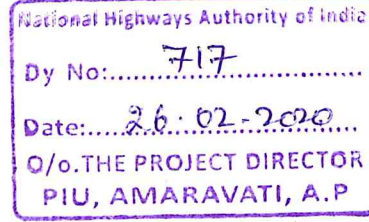
(S D V KRISHNA KUMAR)  
DIRECTOR  
Lingamaneni Landmark Developers Pvt Ltd

(T.SRINIVAS)  
Project Director  
NHAI, PIU, Amaravati

Ref: LLDPL/NH-16/EL/ATMAKURU

Date : 24/02/2019

To  
The Project Director  
**National Highways Authority of India**  
PIU- AMARAVATI, #136/A,  
106 & 107, First Floor, Vasantha Residency,  
Mangalagiri-522 503, Guntur District, A.P.,



Dear Sir,

**Sub: Granting of Right of Way permission for laying utility services on National Highways for Over Head Electrical Line (33KV) from Km 1107/215 to Km 1109/237 & Under Ground Electrical Cable Road Crossings(HDD)@Km.1107/285 & Km.1109/237 Total Length of (2022M + 91M+93M=2206Mts Length) of NH-16 (Old NH-5) on Kolkata-Chennai Section at Atmakur Village, Mangalagiri Mandal, Guntur District in the state of Andhra Pradesh - Laying permission-Reg.**

M/s.Lingamaneni Landmark Developers Pvt Ltd, develop a residential complex at at Atmakur Village, Mangalagiri Mandal, Guntur District in the state of Andhra Pradesh abutting NH-16 on Kolkata-Chennai Section.

We are proposing for laying of Over Head Electrical Line (33KV) from Km 1107/215 to Km 1109/237 & Under Ground Electrical Cable Road Crossing (HDD)@Km.1107/285 & Km.1109/237 Total Length of (2022M + 91M+93M = 2206Mts Length) of NH-16 (Old NH-5) on Kolkata-Chennai Section. We are enclosing herewith 5 sets of Detailed Drawings, Strip Plan, Duly filled Check List, License Deed and other relevant documents complete in all respect as per Ministry of Road Transport & Highways letter No **RW/NH-33044/29/2015 S&R (R) dated 21.11.16** for Granting of Right of Way permission for laying utility services on National Highways.

We request you to kindly grant "**No Objection Certificate**" and for laying of Electrical lines and return us one copy of drawing duly sealed and signed as a token of your permission.

Thanking you,

Yours truly,

For Lingamaneni Landmark Developers Pvt Ltd.

Authorized Signatory

Enclosure: As above & DD for Rs 1/-



REGD. OFFICE: LINGAMANENI LANDMARKS DEVELOPERS PVT. LTD.

Lingamaneni Corporate House, # 59-14-10, Ramachandra Nagar, Vijayawada - 520 008, AP, India | Tel: +91-866-660 068/69 | Fax: +91-866-660 067

SALES OFFICE: The Sales Gallery

Adj. to APSP 6th Battalion, Atmakuru, Mangalagiri, Guntur Dist - 522 503, AP, India | Mob: +91-088976 51007 | Email: info@lepl.in

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प्राधिकृत हस्ताक्षरकर्ता

Please sign above

Signature Vetcha  
5-3547  
No. 4  
Managers

⑈061213⑈ 520211002⑈

16



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन और राजमार्ग मंत्रालय)  
**National Highways Authority of India**  
(Ministry of Road Transport & Highways)  
कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र  
**Office of the Regional Officer, Andhra Pradesh Region**  
प्लॉट.क.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८. आंध्र प्रदेश  
Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

टेली / Tele : 0866-2483910  
फैक्स / Fax : 0866-2474496  
ई-मेल / E-mail : rovijayawada@nhai.org  
nhairovja@gmail.com



Ref : NHAI/RO-VJA/PIU-AMR/C-V/2020-21/

Date :20-07-2020

To

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

**Sub:** NHAI - RO, Vijayawada - 6 laning of Chilakaluripet - Vijayawada section of NH-16 - M/s. Lingamaneni Landmarks Developers Pvt. Ltd., - Permission for laying utility services on National Highways for Overhead Electrical line (33KV) from Km.1107/215 to 1109/237 & Underground Electrical cable road crossings (HDD) at Km. 1107/285 & Km.1109/237 along Chilakaluripet - Vijayawada section of NH-16, for a total length of 2206mts (2202m + 91m + 93m)at Atmakur Village, Mangalagiri Mandal, Guntur District, Andhra Pradesh - **Public comments - Reg.**

Sir,

Please find enclosed herewith a proposal of M/s. Lingamaneni Landmarks Developers Pvt. Ltd., seeking NOC for permission for erection of Overhead Electrical line (33KV) from Km.1107/215 to 1109/237 & Underground Electrical cable road crossings (HDD) at Km. 1107/285 & Km.1109/237 along Chilakaluripet - Vijayawada section of NH-16, for a total length of 2206mts (2202m + 91m + 93m) at Atmakur Village, Mangalagiri Mandal, Guntur District, Andhra Pradesh.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22<sup>nd</sup> November 2016, the application along with the recommendation of PD, PIU - Amaravathi 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. Invitation notice for public comments is enclosed herewith.

Yours faithfully,

Encl: As above

(Anil Dixit),  
Regional Officer  
RO - Vijayawada

Copy to PD, PIU - Amaravathi - for information.





भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन और राजमार्ग मंत्रालय)  
**National Highways Authority of India**  
(Ministry of Road Transport & Highways)  
कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र  
**Office of the Regional Officer, Andhra Pradesh Region**  
प्लॉट.क.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८.आंध्र प्रदेश  
Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

टेली / Tele : 0866-2483910  
फैक्स / Fax : 0866-2474496  
ई-मेल / E-mail : rovijayawada@nhai.org  
nhairovja@gmail.com



Ref : NHAI/RO-VJA/PIU-AMR/C-V/2020-21/

Date :20-07-2020

### **INVITATION OF PUBLIC COMMENTS**

Sub: NHAI - RO, Vijayawada - 6 laning of Chilakaluripet - Vijayawada section of NH-16 - M/s. Lingamaneni Landmarks Developers Pvt. Ltd., - Permission for laying utility services on National Highways for Overhead Electrical line (33KV) from Km.1107/215 to 1109/237 & Underground Electrical cable road crossings (HDD) at Km. 1107/285 & Km.1109/237 along Chilakaluripet - Vijayawada section of NH-16, for a total length of 2206mts (2202m + 91m + 93m)at Atmakur Village, Mangalagiri Mandal, Guntur District, Andhra Pradesh - **Public comments - Reg.**

The Project Director, PIU - Amaravathi submitted a proposal of M/s. Lingamaneni Landmarks Developers Pvt. Ltd., seeking NOC for permission for erection of Overhead Electrical line (33KV) from Km.1107/215 to 1109/237 & Underground Electrical cable road crossings (HDD) at Km. 1107/285 & Km.1109/237 along Chilakaluripet - Vijayawada section of NH-16, for a total length of 2206mts (2202m + 91m + 93m)at Atmakur Village, Mangalagiri Mandal, Guntur District, Andhra Pradesh.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22<sup>nd</sup> 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 are invited on below mentioned address.

**Regional Officer - Vijayawada,**  
**National Highways Authority of India,**  
**Plot No.21, Teachers' Colony, Gurunanak Nagar Road,**  
**Vijayawada, Andhra Pradesh. Pin: 520 008.**  
**Email: [rovijayawada@nhai.org](mailto:rovijayawada@nhai.org)**

**(Anil Dixit),**  
**Regional Officer,**  
**RO, Vijayawada.**