



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
विमान परिवहन और परिवहन विभाग  
National Highway Authority of India  
Ministry of Road Transport and Highways  
भारत सरकार, नई दिल्ली  
National Highway Authority of India, New Delhi  
पता: ११३ ००१, गुरुकुल रोड, इंदिरा गांधी नगर, नई दिल्ली  
Tel: 011-26081000, 26081001, 26081002, 26081003

दूरभाष : २६०८१०००  
फैक्स : २६०८१००३  
ई-मेल : [enquiry@nhai.org](mailto:enquiry@nhai.org)  
[www.nhai.org](http://www.nhai.org)  


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  
National Highways Authority of India  
Corporate Office : Plot No. 21, Teachers' Colony, Gurunanak Nagar Road,  
Vijayawada, Andhra Pradesh. Pin: 520 008.  
Website : <http://www.nhai.org>

Regional Office : Plot No. 21, Teachers' Colony, Gurunanak Nagar Road,  
Vijayawada, Andhra Pradesh. Pin: 520 008.  
Website : <http://www.nhai.org>

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.**



5. The applicant has submitted:
- (i) Drawings as per Annexure-I
  - (ii) Certificate and Draft License application regarding grant of BILM permission for laying of Utility services on National Highway
  - (iii) Undertakings in respect of the following:
    - (a) To furnish Performance Bank Guarantee for the same as stipulated as per terms as per laid stipulation one lakh per metre to NHAI for a period of 1 year after obtaining approval.
    - (b) Not to damage under utilities, if damaged then will pay losses either to NHAI or to concerned agency.
    - (c) To furnish the record of performance bank guarantee as and when asked by NHAI/SHO/SDO.
    - (d) To indemnify against all damages and claims.
    - (e) For management of traffic movement during laying line without hampering the running of NHAI line as and when required by the NHAI at applicant's own cost.
    - (f) For not to incur fees as per the website of NHAI format issued vide Ministry's circular no. NHAI-117-4775/2017-50/SA dated 22.11.2016.
    - (g) For traffic movement during laying of Utility 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 repair or a fracture of the 33KV Electrical line located in the National Highway Right of Way.
    - (j) Repairs and work required by NHAI for repairing any damage caused by the National Highway as laying, maintenance or shifting of the 33KV Electrical line will be borne by the agency being the line.
    - (k) Further, if NHAI considers it necessary in future to move the Utility line for any work of maintenance or repair to the road, it will be carried out as desired by NHAI at the cost of the agency being the utility line which reasonable time (not exceeding 48hrs) of the information given.
    - (l) That applicant has obtained all the safety clearances from the concerned authorities such as Engineers of Electricity, Civil

Continued

Controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, State Control, Petroleum and Minerals and any other authority which are applicable, before applying to Highway administration.

- (iv) Methodology and detailed drawings for erection overhead W-9 towers and crossing with Burial Columns using Drilling (HDD) method.
- (v) Hence the estimate/estimate for performance Bill of Materials for erection of proposed Electrical line along with supporting structures.

While submitting the above, it is recommended for approval of Competent Authority for erection of 33KV Overhead Electrical line along with supporting structure as requested by the applicant.

It is to further submit that the above proposal for erection of W-9 Towers along NH-10 was got routed through APSPDCL by the applicant via L.O.R., for which approval for execution of work was recorded vide APSPDCL letter no. dated 28/04/2016. Commr. E.No.10.No.141/201 dated 28.10.2021.

The enclosed submitted by the applicant has been verified in view of the conditions to be noted.

In light of the above, the proposal for erection of Overhead Electrical line (33KV) from Km.11/57/215 to 1120/227 by W-9 towers & underground Electrical cable road crossing (HDD) at Km.11/57/215 to Km.11/55/237 along Chikala village, Mangayala section of NH-10 for a total length of 2000mts (2000m + 90m + 90m) at Abma for Village, Mangayala Mandal, Anaparthi District, Andhra Pradesh, is hereby recommended with a request to communicate the approval of the Competent Authority, MHA, at an early date.

Yours faithfully,




Dr. T. SRINIVASI  
Project Director  
RD Administration

Encl: Proposal in Original.



## CERTIFICATE

1. Under 2g/100 has examined the proposal of the applicant in relation to 31076, "Skeletal line no 2-5 Tower" and is held that the proposal is conforming to all the standards referred to above submitted by Client Mr. P.W.H. 1-11044/29/201 2/53812, dated 22.11.2016.
2. It is certified that any other location of the Electrical line would be extremely difficult and a reasonable cost and installation of the line (one within 30W will) will adversely affect the design, stability & staff's safety of high voltage line taking into account such as widening of the carriageway, cutting of curb, etc.
3. It will be ensured that supervision of the work of laying or utility and ensured that no defects in road portion after laying of utility will be corrected.
4. It will be notified to fact the bank guarantee for sums for payment of work done by contractor, if any.
5. It will be ensured that proposal submission is based in the right 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 Engineer  
NHAI, TUDA New Road/101

Record of Right of Way permission granted for items underpin and overhead electrical cables

1. Name of the Firm :            **Archon Energy**
2. Name of the :               **Surabaya (P)**
3. SR Number :               **To**

EL No.	Location (Change from)	Left or Right of the Road	Section and meter	Kind of service	Height above ground	Remarks
1	On Street	Center	11.50 meter - 12.50 meter	21 kV Overhead	10.00	
2	Off Street	Outside	7.00 meter - 8.00 meter	21 kV Overhead	10.00	
3	Off Street	Outside	7.00 meter - 8.00 meter	21 kV Overhead	10.00	



# harvee associates

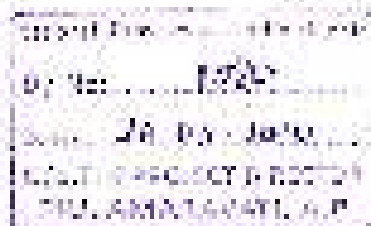
CONSULTANTS ENGINEERS & ARCHITECTS (PVT) LTD.

Chartered Engineer during O&M period for the period  
01.01.2019 to 31.03.2020 (period of 3 months) only.  
Date of expiry: 31.03.2020 (31st March 2020)

Letter No. HAR/HR/19/20/4014/Member/Reg/19-20/14734

Date: 18th March 2020

To  
The Project Director,  
National Highways Authority of India,  
113 Anandnagar, Okhla, Delhi-110024, 110024  
Jawahar Lal Nehru Centre, Jawahar Bhawan,  
Vengalooji, Connaught Place, New Delhi-110002.



18/3/20

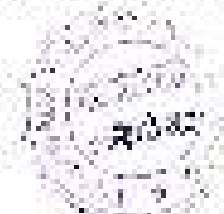
Project: Operation & Maintenance of 76 Km long of C. Lalakurpet in Assam section of NH-16 (New No. NH-16) from Km. 355+000 to Km. 431+150

Sub: M/s Jangamani 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 (URD) at Km. 1107/285 & Km. 1109/237 along Chikakulripet - Wajupada section of NH-16, for a total length of 222mts (202m + 100m + 100m) at Alankuru village, Mangalpur Mandal, Guntur district, Andhra Pradesh - Comments furnished. Reg.

- Ref
1. Letter No. HAR/HR/19/20/4014/16/2019/Reg/19-20/14734 dated 09.09.2019 of NHA, Anandnagar.
  2. M/s Jangamani Landmarks Developers Pvt. Ltd. No. 1109/21-16/19/2019/URD dated 24.07.2019.

To  
In compliance to the letter cited above, it has been intimated the site as per check list submitted by the applicant and was approved by MOH, Guntur, Guntur, No. 1109/21-16/19/2019/URD (R) dated 22.01.2020. The conditions are here under:

1. The width of the ROW is 50 meters (15 mts + 20.0 mts + 14.5 mts) etc. The paper is again submitted, the applicant has proposed to lay 33KV Overhead Lines with 2x0 towers from Km.1107/215 to Km.1109/237 along the Highway & URD crossings (URD) along the Highway & URD crossings at Km. 1107/285, Km. 430/215 & Km. 1109/237 (Km. 128+750) across the highway.
2. The applicant has submitted conditions as per Annexure 1, Certificate, 3 of License deed and is given here under:
  - i) To furnish a Bank guarantee for the amount equal to all the taxes as per brief ministry circular no. 10, to refer to NHA for the period of one year after initiation of works.
  - ii) Not to damage to other utility if damaged, then will pay the losses called in NHA by the concerned agency.
  - iii) To furnish the Release of Tank Receipts as and when asked by MOH, Guntur.
  - iv) For all the things of law as per Circulars of Ministry Circulars and NHA's guidelines.
  - v) To indemnify against all damages and claims.



18/3/20

Contd...2..



cc:2:

- v) For management of traffic movement during laying of 11 KV Line without any disruption in traffic shifting of 11 KV Electric Lines and when required by M-4 to add 10 KV own work.
- vi) For the cost of work done per kilometre of 11KV Line shall be as per M-4's Group No. Rev. No. 3611 (2020) (2020) (dated 20.11.2020).
- vii) For Traffic movement during laying of 33 KV Electric line to be managed by M-4.
- viii) All work shall be done as per the conditions laid down in the agreement.
- ix) For taking the approval of HRM before starting any work or installation shifting of 11KV, 33KV, 110KV and 220KV electrical line work in the Railway Highway right of way.
- x) For providing 24 hrs. services by M-4 for repairing any damage caused by the HRM and the loss of property maintenance or shifting of the 11 KV Electric line will be borne by the agency doing the work.
- xi) Yes, if HRM requires it necessary to move the 11KV line for any work or movement or repairs in the near, that the cost of such as decided by M-4 or the cost of the agency doing the work line within a reasonable time (not exceeding 10 days) of the completion given.
- xii) Acknowledging that the applicant has obtained all necessary clearances from the representative authorities such as Director and of electricity, Urban committee of Hyderabad, Police and Explosive Safety organization. All necessary safety barricades and signboards, an overhead board and any other statutory clearances applicable, before starting the highway utility work.

3. Further applicant has submitted details, drawings and methodology for electric overhead 11KV lines and crossing with Highway at J. Nagaral Colony (HRM) project.

In view of the above we have the proposed scheme by the applicant vide ref no. 21/2020 dated for laying of 11KV Over Head Lines along the Highway by M-4 Tower from Km.1107/2.5 to Km.1108/22.7 LPS (km. 415/26.5 to km. 416/16 HRM) and recommend providing 10 KV High Potential Electrical Utility (HPEU) network at Km.1107/22.8, Km. 415/16, & Km. 1108/27.7 (km. 128/26.8) across the highway. In view of the above, Government Authority may take a suitable decision to 200 C 2011 2020 to lay 11KV Lines as requested by the applicant.

Thank you,

Yours faithfully,



**(N. PITCHI REDDY)**

Team Leader

Chilakalurpet-Vijayawada O&M Project

CC to: 1. Mr. Ravi Kumar - Chief Operator & Maintenance, MTR, KRR

2. Mr. Rajanatha - Project Lead, M&S, General Services, MTR, Hyderabad





REVISIONS TO THIS DRAWING ARE TO BE MADE BY THE DESIGNER OR HIS AUTHORIZED REPRESENTATIVE. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE DESIGNER.



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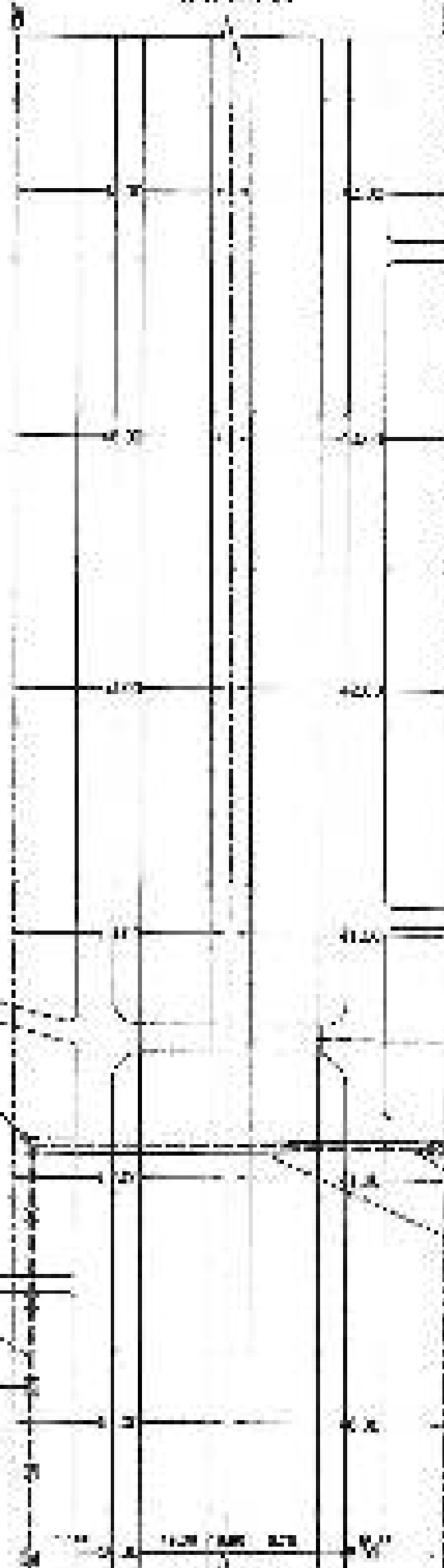
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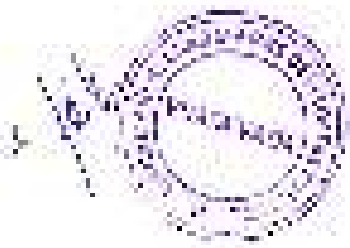
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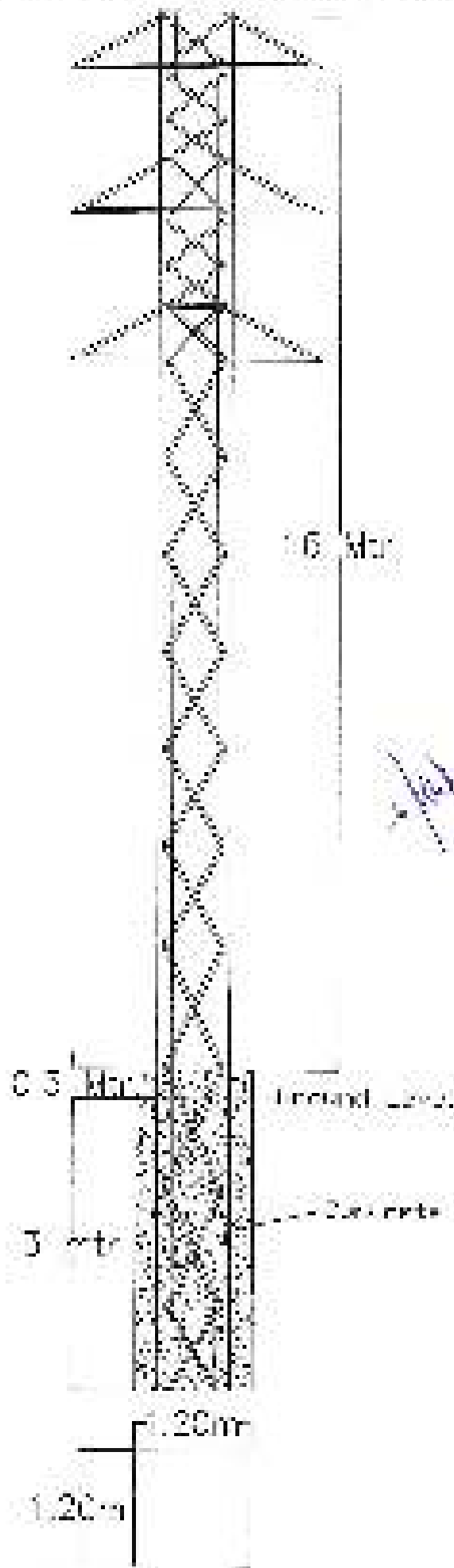
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# M+9 TOWER DETAILS



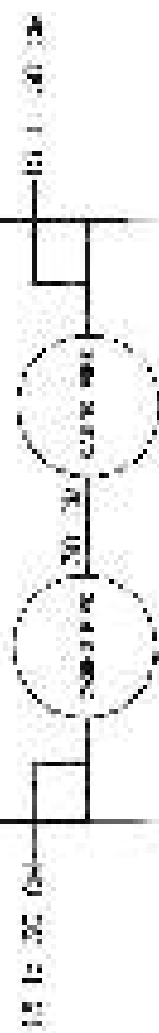
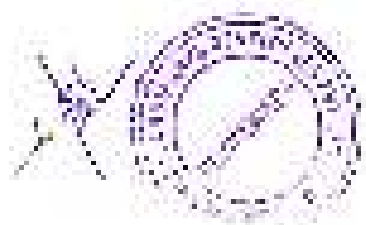
SCALE STRUCTURE TO SYSTEM  
1:200 (Vertical)

# TOP OF THE ROAD



2" OF  
SUE LIME

CONCRETE  
REINFORCING  
IF LAYERS NOT REINFORCED  
BY 8CM II DCL. LAYERS



CONCRETE  
REINFORCING  
IF LAYERS NOT REINFORCED  
BY 8CM II DCL. LAYERS

CONCRETE  
REINFORCING  
IF LAYERS NOT REINFORCED  
BY 8CM II DCL. LAYERS

# INSTALLATION OF CASING PIPE FOR CROSSING THE ROAD



राज्य: **ఆంధ్ర ప్రదేశ్** ANDHRA PRADESH

BSA 464787

No: 2147 DE/2020 Rs: 10

ఇచ్చినది: *Sri Rajendra Babu of Hindmarsh estate*  
 దాఖలు: *Engineering Investment Developer Pvt Ltd, Guntur*

శ్రీ జి.ఎ.డి.ఎం  
 Licensed Stamp Vender  
 L.No. 09/91/0217003  
 H.L. No. 84-87, 333/2020-2021  
 GULFAMUJI, Anaparthi,  
 575 R. Nellore Dist.

**CERTIFICATE**

Name of the Work: Proposal for laying of Over Head Electrical Line (OHLE) from Km 107/215 to Km 108/237 & Under Ground Electric Cable (Racc Crossing)(HDD) @ Km 107/215 & Km.108/237 Total Length of (2022M + 81M+83M=2206Mts Length) of NH-19 (Old NH-3) on Kothala-Channur Section at Amakur Village Mangalagiri Mandal, Guntur District in the state of Andhra Pradesh of NH-15 Land.

- 1) Laying of Over Head Electrical Line & Under Ground Electrical Cable crossing (HDD) will not have any deleterious effects on any of the bridge components and roadways safety in traffic.
- 2) The proposal implemented now will not affect any likely future improvement to the road.
- 3) The proposal is in accordance with the Government of India specifications.
- 4) We do undertake that we will release the laying of over head electrical line at any cost and notwithstanding the permission granted within said time we will be abolished by M-AP 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 Layingment Land **Investment Developer Pvt Ltd.**

Authorized Signature:





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 MHA in applicant's own cost.
7. Undertaking that text of the license deed shall be available at MHA's Internet Intranet Website with Ministry's Order No. RWA/HR-32044/30201/HR/HR (P) dated 22.11.2018.
8. Undertake that traffic movement during laying of 33KV Electrical line to be managed by us.
9. Undertake that if any damage caused by the Commissionaire then the same has to be paid by the applicant.
10. Undertake that we will seek prior approval of the MHA that be obtained before undertaking of any work of installation, shifting or repairs or alterations to the existing 33KV Electrical line located in the National Highway right of way.
11. Undertake that we will bear Expenditure if any incurred by MHA for repairing any damage caused to the National highway by the laying, maintenance or shifting of the 33KV Electrical line will be borne by the agency using the line.
12. Undertake that if MHA creates if necessary in future to move the utility line in any work of improvement or repairs to the road, it will be carried out as directed by MHA at the cost of the agency using the utility line within a reasonable time (not exceeding 30 days) of the information given.
13. Undertaking that the applicant has obtained 100% safety clearance from the concerned authorities with the Directorate of Electricity, Coal, Controller of Explosives, Petroleum and Explosive Safety Organisation, Oil Industry Safety Directorate, Electrical Inspection Control Board and any other statutory clearance applicable before applying to Highway Administration.
14. Undertake that if the MHA or MORT-MHA creates if necessary in future to move the utility line for any work for improvement or repairs to the road, it will be carried out as directed by the MHA at the cost of the agency using the utility line within a reasonable time (not exceeding 30 days) of the information given.

For Lingamangali Landmarks Development Pvt Ltd.

Authorized Signatory



CHECK - LIST

Guidelines for processing the proposal for laying of Over Head Electrical Line (33KV) in the lane along National Highway vested with NHAI/PS/D/SRO

Relevant Circulars

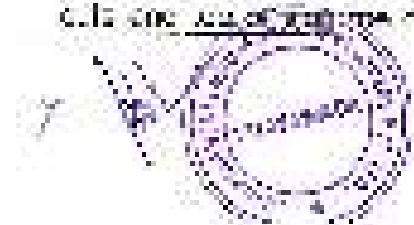
(Ministry Circular No. 37/5/NH-33044/29/2015-8&7) Dated 23.11.2016

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

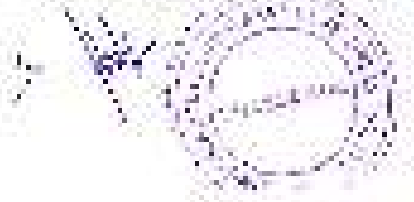
S.No.	Item	Information/Status	Remarks
1.	General information		
1.1	Name and Address of the Applicant Agency	M/S Laxmanan Enterprises Newspaper, Palali	
1.2	National Highway Number	NH 75 (D-1141-1)	
1.3	State	Andhra Pradesh	
1.4	Location	Palali	
1.5	Distance in Km:	Km + 107215 to Km + 107217 & Under Crossing of NH 75 Km + 107217 & Km + 107217	
1.6	Length in Meters	2072.94m 0-93.1-2005.0m	
1.7	Width of road in 33KV		
	(a) Left side from center line towards increasing of direction	52.0m	
	(b) Right side from center line towards increasing of direction	40.0m	
1.8	Propose to lay over head electrical line		
	(a) Left side from center line towards increasing of direction	2072.94	
	(b) Right side from center line towards increasing of direction	0m	
1.9	Propose to acquire land		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether propose to acquire same section where land is not to be acquired	NA	
	If not, the place to lay the cables	Over Head Electrical Line (33KV) from Km + 107215 to Km + 107217 & Under Ground Electrical Cable Road Crossings (H.O.U) Km + 107217 & 107217	
1.11	Number of existing land services, if any, along the proposed route	NA	
1.12	Number of lanes (24hrs) to be provided	6 lanes	
1.13	Proposed number of lanes if lane will be paved should 24hrs. width	NA	
1.14	Survey cost bearing method	YES	



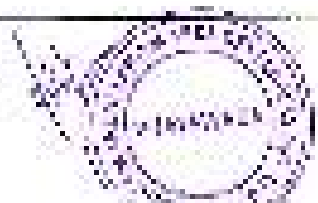
	From inner work side (a) Left side from center line (b) Right side from Center Line	25.02 m 38.92 m	
1.12	Proposed drainage road (a) From left side from center line (b) Right side from center line	NA	
1.10	Whether drainage facility provided for bridge the service road or between the service road and main carriage way	Not shown on plan	
1.11	Whether carrying of sewerage pipe line has been proposed on highway bridge  If Yes the manner the methodology proposed for the same	NO	
1.12	Whether carrying of sewerage pipe line has been proposed on parapet part of the bridge  If Yes, the manner the methodology proposed for the same	NO	
1.13	Carriage of the road involved  If Yes a shaft or either proposed in place of bridge structure or conduit should suit the total height of the expenses of the agency running the line. a) Whether existing drainage structure allowed to carry utility pipeline. b) If on concrete or masonry c) What is the minimum of crossing the conduit base from the existing structure. Crossing shall not be too near the existing structure on the National Highway, the minimum distance being 15 m.	Yes 34.4m (107'200.5) 4m (105'237) through under ground (U/G)	
		NO	
		Yes More than 10.0m	
	a) The existing 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 easy withdrawal of the same pipe/cable b) mention type of coating	Proposed Through Under ground (U/G) as per drawing enclosed.	
	a) Ends of the existing / installed pipe / tower foundation shall be secured from the outside, so that it does not act as a drainage path	YES	
	b) The existing / installed pipe should be minimum secured from down to drain in case any of the pipe of slope in the	YES	



Sl. No.	Title	Remarks
	<p>ii) The top of the casting/concrete pile / lower termination should be at least 1.2 meter below the surface of the road subject to bring about 0.8 m below the drain inverts.</p>	YES
	<p>iii) Mention the methodology proposed for crossing of road for the proposed Electrical cables. Crossing shall be by boring method (Hole) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.</p>	Proposed Through under ground (TDD) as per drawing enclosed
	<p>iv) The cables / Conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a weakness along it.</p>	YES
7	Document / drawing enclosed with the proposal	enclosed
2.1	<p>Cross section showing the size of the hole for open trenching method. Its normal size of 1.2m dia x 0.3m deep (shall not be greater than 80 cm wider than the outside base of the pile at installed section in the extreme edge of the roadway as possible but not less than 15 meter from the center line of the nearest roadway.</p> <p>It shall not be permitted to install the Electrical pipe way when the road formation is situated in street cutting. It shall have to be laid over the existing culverts and bridges.</p> <p>v) There should be so laid that their top is atleast 0.5 meter below the ground level so as not to obstruct drainage of the road and</p>	Drawing enclosed
2.2	Cross section showing the size of pile and location of pipe line for HDD method.	Drawing enclosed
2.3	<p>Strip plan / Profile plan showing the utility 5000 pipe line, drainage width of 1000, distance of proposed cable from the edge of ROW, location, utility lines, manholes, cross drawing etc.</p>	Enclosed
2.4	Methodology for laying of utility electrical etc.	Enclosed
2.5	<p>Cable trenching method. May be allowed in utility corridor only where pavement is neither cement concrete or dense bituminous concrete type. Type methodology of laying of cable etc.</p>	Over / top Electrical Trench



	(k) The trench width should be 600mm. It can be not more than 600mm wider than the outer diameter of the pipe. (l) For filling of the trench, cast-in-place concrete to a depth of not less than 300mm and consist of granular material, free of lumps, clots and debris and crushed to avoid a fine surface without surface change. The casting water temperature and back-slopes should be monitored and replaced by required by weather material.	Over - see Electrical Draw
	(m) The trench shall be completed in two stages (i) side-fill to the edge to the top of the pipe and (ii) invert to the bottom of the pipe road.	Back-filling as per drawing
	(n) The pipe fill shall consist of granular material (ak 10 - 50mm layers) well consolidated by mechanical compaction and controlled addition of moisture as 80% of the Proctor's Density. Quality shall be compared to the same criteria as the material that has been returned. Consolidation by saturation or pumping will not be permitted.	NA
	(o) The road crust on either side of the trench shall also be taken to meet the formation of width of the trench.	NA
	(p) The excavation shall be protected by lagging, sheet piling, bents and other suitable engineering methods.	NA
	(q) If required a diversion shall be constructed at the expense of agency during the utility line.	NA
2.4.2	Horizontal Directional Drilling (HDD) method.	Proposed through underground (HDD)
2.4.3	Methodology for laying of Pipe line through (HDD) and the method of laying in cases where the burying of gas pipe line on the surface becomes necessary.	Proposed through underground (HDD)
3	Final license agreement signed by all witnesses	YES
3.1	The License for estimate preparation guidelines issued vide circular No RR/WH/23044/20/2015/S&E dated 22.11.2015	YES
4	Whether Performance Bank Guarantee as per guidelines issued vide circular No RR/WH/23044/20/2015/S&E dated 22.11.2015 is obtained.	An undertaking given by the agency to the Performance Bank Guarantee to be paid 1 month MCRTH per line crossing as mandated by





5.13	<p>as desired by the NHA, at the time of the agency review. The utility line owner is responsible for the installation and removal of the utility structure.</p>	Yes Enclosed	
6	<p>Consents from the applicant in the following format:          (1) saying in clear hand electrical line will not have any deleterious effects on any of the bridge components and roadway utility structure.          (2) the following work undertaken that I will release liability and I approach road / utility at my own cost not withholding the permission granted with such line as will be approved by NHA for future existing or any other development.          (3) who will sign the agreement on behalf of overhead electrical line owner          (4) power in Atlanta to sign the agreement is available or not</p>	N/A Language: English Developer: Permit	
7	The Project Director, will submit the following Cert Dates.		
7.1	Certificate for construction of all structures condition issued with Ministry Circular No N- 41 (1979) dated 31/01/1989 Ministry Circular No. R/ATN-33044/29/2010/82R (R) dated 22-1-2010	Yes	
7.2	<p>Cert Dates from TD in the following format:          (1) It is required that any other location of the <del>water</del> <del>utility</del> pipe line should be extremely difficult and unreasonable costly and the installation of <del>water</del> <del>utility</del> pipe line within ROP will not adversely affect the design, stability &amp; public safety of the highway or the utility structure/management.          Such as widening of the carriageway widening of Curve etc.          (2) for 0 landing          (3) Where feasibility is available - I do certify that there will be no hindrance to proposed widening based on the feasibility report considering proposed structures of the said location.          (4) in case feasibility report is not available - I do certify that sufficient ROW is available as site for proposed widening.</p>	Yes Cert Dates enclosed.	
8.	If NH section proposed in the taken up by NHA on EOI basis - a clause in para 8 to the material in the agreement. The	Yes Enclosed	



	<p>permitted Highway in which business has been granted as a right to lay cable. I do not intend to lay cables as a right of the way to be constructed under the conditions stipulated for application. Kothakota section from Km 1182500 to Km 1825000 of NH 44 is under built, operated and transfer back and therefore, the license shall issue for the same.</p>		
8	<p>Who will supervise the work of laying of water pipeline.</p>		
	<p>(a) On behalf of the Applicant:</p>	<p>Ms. Lingeramma Lakshmi Devi Pvt Ltd</p>	
	<p>(b) On behalf of NHAI:</p>	<p>Supervision Consultant.</p>	
9	<p>Who will ensure that the defects in road pattern after laying of over head electrical line are corrected and if not corrected then what action will be taken.</p>		
	<p>(a) On behalf of the Applicant:</p>	<p>Ms. Lingeramma Lakshmi Devi Pvt Ltd</p>	
	<p>(b) On behalf of NHAI:</p>	<p>Supervisor Consultant</p>	
10	<p>Who will pay the claims for damages done / damaged in working of cable/line if asked by the concerned authority.</p>	<p>Ms. Lingeramma Lakshmi Devi Pvt Ltd</p>	
11	<p>A certificate from Project Director that he will enter the proposed permission in the register of records of the commission in the prescribed uniform form as required.</p>	<p>Yes</p>	
12	<p>If any previous approval or recorded laying of over head electrical line then photocopy of register of records of permissions issued as maintained by Project Director may be attached.</p>	<p>Yes</p>	



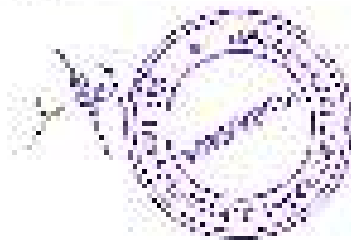
[Name, Designation and signature of the authorized representative of applicant]

[Name, Designation and signature of authorized authority of NHAI/PA/DRD]



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-18 work.
2	License issued to lay Over Head Electrical Line & Under Ground Electrical Cable Road Crossings(HDD) NH-18 land.
3	Annexure - A Undertaking to lay Over Head Electrical Line & Under Ground Electrical Cable Road Crossings(HDD) NH-18 land.
4	Certification undertaking
5	Annexure - B
6	Annexure - C
7	Construction & Maintenance to lay Over Head Electrical Line & Under Ground Electrical Cable Road Crossings(HDD) NH-18 work.
8	Drawings showing Over Head Electrical Line & Under Ground Electrical Cable Road Crossings(HDD) NH-18 land.
9	Cross section of the Over Head Electrical Line & Under Ground Electrical Cable Road Crossings( HDD) NH-18 land.
10	Check list for getting approval for laying Over Head Electrical Line & Under Ground Electrical Cable Road Crossings( HDD) NH-18 land.



## SPECIFICATION REPORT

Specification report to ascertain the "estimated works" for laying of Over Head Electrical Cables (38KV) from Km 1-27215 to Km 1109237 & Under Ground Control Cable Road Crossings Km 107285 & Km 1109237 Total Length is (2022M + 100M) = 203224m Length of NH-15, NH-16 & NH-16A Kolar-Chennai Section of Andhra Village, Mangajadi Mandal, Guntur District in the state of Andhra Pradesh of NH-15 Line to Mangajadi Mandal Landmark Development Project.

The Director, Mangajadi Landmark Development Pvt Ltd, was requested to provide permission for laying of Over head Electrical Cables (38KV) from Km 1109216 to Km 1109237 & Under Ground Electrical Cable Road Crossings Km 107285 & Km 1109237 Total length of (2022M + 100M) = 203224m Length of NH-15 (Like NH-16) on Kolar-Chennai Section, Andhra Village, Mangajadi Mandal, Guntur District in the Region of Andhra Pradesh of NH-15 Line.

The revenue map showing NHSHQ219M147 obtained from the website of Registration and Revenue department of Government of Andhra Pradesh is used for calculation of land area. The list of villages falling in the 3000sqm width of road will be shown. Accordingly charges and benefits of village will be calculated as follows.

S.No	Village Name	Distance		Length (M)	Area of Land (sqm)	
		From	To		Area	Per Sqm
1	Andhra Village, Mangajadi Mandal, Guntur District, AP.	107215	1109237	2022	41,10,000	7,14,000

The land tax corresponding to the charges is used for Rs. 20,000/acre @ Rs. 1000/acre.

### TIERSE FEE CHARGES

S.No	Description	Measurement in acre		Density (1/acre)	Rate/Sqm	Amount (Rs)
		Area	Rate			
1	From Km 1109216 to Km 1109237	2022	1,10,000	1/1000	48,000	7,14,000
2	From Crossing Km 107285 & Km 1109237	100	100	1/1000	50	7,14,000
Total amount						14,28,000

Total Fee (Budget/Account) = Rs. 14,28,000/- (Fourteen Lakh)

Total Fee (Budget/Account) = Rs. 14,28,000/- (Fourteen Lakh)

Total Fee (Budget/Account) = Rs. 14,28,000/- (Fourteen Lakh and Eighty Only)

  
 Director  
 Mangajadi Landmark Development Pvt Ltd

Mangajadi Landmark Development Pvt Ltd

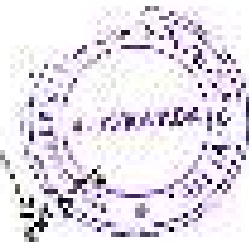
Total Amount  
 Rs. 14,28,000/-  
 Fourteen Lakh and Eighty Only

**PERFORMANCE OF BANK GUARANTEE**

Sl. No.	Description	Measurement Units		No. of units	Rate /sq. ft.	Amount in Rupees
		A	B			
	Cost of JCB Machine 1320-137	1	1	1	100	1,00,000
2	Overhead Charges for JCB 137	100-10	0		100	10,000
Performance Bank Guarantee						1,10,000

Approved by Labour Officer, The Chairman and The Member(s).

Hence the fact will be recorded & reported as per the MCRTH Circular No. BGS/HR/044/2020 dated 22.11.2018.



**S. J. KRISHNA CHAVAR**  
 DIRECTOR  
 Labour and Labour Welfare Department, Mysore

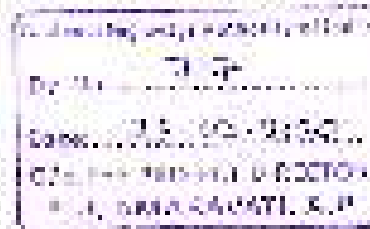
**J. S. RAO**  
 Deputy Director  
 MCRTH, Mysore

  
 LANDMARKS  
CONSTRUCTION & DEVELOPMENT

From: L107/2018/AN/AMRUKHANI

Date: 21/02/2018

To  
 Honoured Director  
**National Highways Authority of India**  
 (D) AMRUKHANI, 8th Floor,  
 106 & 107, First Floor, Vasant Vihar Residency,  
 Warangal-522 503, Warangal District, A.P.,  
 Andhra Pradesh



**Sub: Granting of Right of Way permission for laying utility services on National Highways for Over Head Electrical Line (33KV) from Km 1105215 to Km 1105237 & Under Ground Electrical Cable Road Crossings (FD) (Scheme) 07225 & Km 1105227 Total Length of 100226.94 M (33KV = 2.00% & length of 4.10 KM NH 2) at Kalluru-Chennal Section at Amalapur Village, Khammam Mandal, Guntur District in the state of Andhra Pradesh. Laying permission letter.**

Reference is made to the letter of Development Authority received on 02.02.18 in connection with Amalapur Village, Khammam Mandal, Guntur District in the state of Andhra Pradesh regarding 4.10 KM of 33KV Chennal Section.

We are proposing for laying of Overhead Electrical Line (33KV) from Km 1075215 to Km 1105237 & Under Ground Electrical Cable Road Crossings (FD) (Scheme) 07225 & Km 1105227 Total Length of 100226.94 M (33KV = 2.00% & length of 4.10 KM NH 2) at Khammam Mandal Khammam District and crossing through Forests (De-forest clearance, 30% Flat, 20% of 33KV Electrical poles and other related clearance) is permitted in a record as per Minutes of Development Authority of Highways under RA/AMH/3304/2016/AMR (R) dated 21.11.18 in connection with Right of Way permission for laying utility services on National Highways.

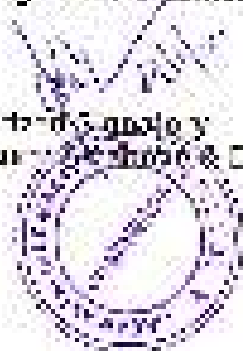
We request you to kindly grant **No Objection Certificate** and the laying of Electrical Line and FD in accordance with the following proposal and signed as a lawfully binding order.

The Applicant

is/are as follows:

**The Engineering Landmarks Developers Pvt. Ltd.**

Authorized Signatory  
 Director, AMRUKHANI & DD for Rs 10/-



REGD. OFFICE: LANDMARKS DEVELOPMENT & CONSTRUCTION PVT. LTD.

107/2018/AN/AMRUKHANI, 8th Floor, 106 & 107, First Floor, Vasant Vihar Residency, Warangal-522 503, Warangal District (A.P.) Andhra Pradesh

AMRUKHANI, 8th Floor, Warangal

AMRUKHANI, 8th Floor, Warangal, Andhra Pradesh. AMRUKHANI, 8th Floor, Warangal, Andhra Pradesh

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