



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

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

रानीगारीतोटा, कृष्णालंका, 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/Electrosteel/2023-24/3442 Dt. 18.09.2023

To

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

Sub: RO - Vijayawada - Permission for laying of Ductile Iron Pipeline of 500mm dia from Ch.2+700 to Ch.17+630 for a total length of 14980m (LHS) including crossing at Km 4+800 along Renigunta - Naidupeta section of NH-71 by M/s. Electrosteel Castings Limited in the State of Andhra Pradesh - Public comments - Reg.

Sir,

Please find enclosed herewith a proposal submitted by M/s. Electrosteel Castings Limited for laying of Ductile Iron Pipeline of 500mm dia from Ch.2+700 to Ch.17+630 for a total length of 14980m (LHS) including crossing at Km 4+800 along Renigunta - Naidupeta section of NH-71 by M/s. Electrosteel Castings Limited in the State of Andhra Pradesh.

2. As per MORTH guidelines vide letter No.RW/NH-33044/29/2015/S&R(R) dated 22<sup>nd</sup> 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.

Yours faithfully,

Encl: As above

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

**Copy to:**

(i) PD, PIU - Tirupati

(ii) M/s. Electrosteel Castings Limited - for information.



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

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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/Electrosteel/2023-24/3443Dt.18.09.2023

### INVITATION OF PUBLIC COMMENTS

Sub: **RO - Vijayawada** - Permission for laying of Ductile Iron Pipeline of 500mm dia from Ch.2+700 to Ch.17+630 for a total length of 14980m (LHS) including crossing at Km 4+800 along Renigunta - Naidupeta section of NH-71 by M/s. Electrosteel Castings Limited in the State of Andhra Pradesh - **Public comments - Reg.**

The Project Director, PIU - Tirupati submitted a proposal of M/s. Electrosteel Castings Limited for laying of Ductile Iron Pipeline of 500mm dia from Ch.2+700 to Ch.17+630 for a total length of 14980m (LHS) including crossing at Km 4+800 along Renigunta - Naidupeta section of NH-71 by M/s. Electrosteel Castings Limited in the State of Andhra Pradesh.

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

NHAI/PIU-TPT/070RN-22/SL. No. 28-OFC/2023-24/778

Dt. 04.08.2023

To,

The Regional Officer,

National Highways Authority of India,  
Vijayawada.



Sub: NHAI - PIU-Tirupati - Renigunta - Naidupeta section of NH-71 - Request for permission for laying of Ductile Iron pipeline of 500 mm dia from Ch. 1+400 to Ch. 17+630 for a total length of 16230 mtrs. (LHS) including crossing at Km 4+800 along Renigunta - Naidupeta section of NH-71 by M/s. Electrosteel Castings Limited in the State of Andhra Pradesh - Approval - Requested - Reg.

Ref: (i) M/s. Electrosteel Casting Limited, Lr. No. Nil, dated 21.01.2023  
(ii) T/o. Lr. No. NHAI/PIU-TPT/070RN-22/SL. No. 28-OFC/2022/1882, dated 30.01.2023  
(iii) Independent Engineer, M/s. Satra Services & Solutions Lr. No. 01041112/IE/02/0399, dated 03.07.2023

Sir,

With reference to the above subject cited, it is to inform that M/s. Electrosteel Casting Limited vide letter cited under reference (i) above submitted a proposal regarding permission for laying of Ductile Iron pipeline of 500 mm dia from Ch. 1+400 to Ch. 17+630 for a total length of 16230 mtrs. (LHS) including crossing at Km 4+800 of Renigunta - Naidupeta section of NH-71 by M/s. Electrosteel Castings Limited. Accordingly, this office has forwarded the same to the Independent Engineer of the subject stretch of NH-71, M/s. Satra Services & Solutions vide this office letter cited under reference (ii) above for detailed report and recommendation on the proposal submitted by M/s. Electrosteel Casting Limited, Srikalahasthi.

2. The Independent Engineer vide letter cited under reference (iii) above reviewed that the proposal submitted by M/s. Electrosteel Casting Limited, Srikalahasthi is found to be in order and recommended the proposal after carrying out Joint Inspection along with representatives of M/s. Electrosteel Casting Limited and Concessionaire representative.

- (i) IE informed that the existing pipeline was laid along the old NH-71 on LHS from Km 126+500 to Km 142+800. Major length of the existing pipeline is falling in the proposed six lane alignment and same needs to be relocated.
- (ii) As proposed by the M/s. Electrosteel Castings Limited for laying of pipe from Km 1+400 to Km 2+700 for a length of 1300 mts. is not feasible as there is a underground Electrical cables and Junction / Subway proposal at Km 1+930.
- (iii) M/s. Electrosteel Casting Limited proposed to lay on existing alignment from Km 12+600 to Km 17+620 for a length of 5080 mts.

*(Handwritten signature)*



(iv) Detailed locations are as below:

Pipeline Locations at NH-71						
S. No	Chainages		Existing / Proposed	Length (Km)	Side	Remarks
	From	To				
1	2+700	12+600	Proposed	9.900	LHS	Along the proposed NH 71
2	12+600	17+620	Existing	5.080	LHS	Along the proposed NH 71

Length along the existing NH 71

5.080 Kms

Length along the proposed NH 71

9.900 Kms

The proposed pipeline is crossing at Km 4+800 (New Chainage)

- (v) All the items of Check List has been verified and are found in order as per the guidelines of MoRT&H vide Lr. No. RW-NH-33044/29/2015/S&R(R), dated 22.11.2016
- (vi) The utility shall be located beyond the toe line of the embankment and drains as close to the extreme of the ROW as possible.
- (vii) 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.
- (viii) 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.
- (ix) Adequate safety measures shall be provided during the execution of Pipeline works.
- (x) The applicant has to execute the works without any damages to the existing utilities on / underground. The cost of operation and maintenance will have to be borne by the Licensee as per the Agreement.
- (xi) A copy of NOC from the Concessionaire is enclosed.

3. In this connection, the proposal submitted M/s. Electrosteel Casting Limited, Srikalahasthi 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 M/s. Electrosteel Casting Limited, Srikalahasthi.
- (ix) M/s. Electrosteel Casting Limited, Srikalahasthi has given undertaking as per Sl. No. 5 of Check List.
- (x) M/s. Electrosteel Casting Limited, Srikalahasthi 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 pipeline Work 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 M/s. Electrosteel Casting Limited, Srikalahasthi, is herewith forwarded for approval of the Competent Authority for granting of ROW permission for laying of Ductile Iron pipeline of 500 mm dia from Ch. 1+400 to Ch. 17+630 for a total length of 16230 mtrs. (LHS) including crossing at Km 4+800 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, 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



### CERTIFICATE

Undersigned has examined the proposal of the M/s. Electrosteel Casting Limited, Srikalahasthi for laying of DI pipeline along the stretch of NH-71 i.e., permission for laying of Ductile Iron pipeline of 500 mm dia from Ch. 1+400 to Ch. 17+630 for a total length of 16230 mtrs. (LHS) including crossing at Km 4+800 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/02/0399

03 July 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

**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 to lay 500mm ductile iron water pipeline from Ch. 1+400 to Ch. 17+630 for a total length of 16230 mts (LHS) along the NH-71 by M/s. Electrosteel Castings limited in the state of Andhrapradesh **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. 28-OFC/2022/1882 dated 30.01.2023

Sir,

With reference to the Authority letter (#2) cited regarding Report on Permission to lay 500mm ductile iron water pipeline from Ch. 1+400 to Ch. 17+620 in newly forming six lane road 71. The proposal has been reviewed and joint inspection has been carried out along with M/s. Electrosteel Castings limited representative and Concessionaire representative and our observations are as below.

1. The existing pipe line was laid along the old NH-71 on LHS from km. 126+500 to km. 142+800 (Old Chainage). Major length of the existing pipe line is falling in the proposed six lane alignment and the same needs to be relocated.
2. As proposed by the M/s. Electrosteel Castings limited for laying of pipe from km. 1+400 to km. 2+700 for a length of 1300 mts is not feasible as there is a underground Electrical cables and Junction/Subway proposal at km. 1+930.
3. M/s. Electrosteel Castings limited is proposed to lay on existing alignment from km. 12+600 to km. 17+620 for a length of 5080 mts.
4. Detailed locations are as below.

S.No	Chainage		Old / New	Length in Km	Side	Remarks
	From	To				
1	2+700	12+600	New	9.900	LHS	Along the proposed NH-71
2	12+600	17+620	Old	5.080		Along the Existing NH-71

In view of the above, the submitted proposal from km. 2+700 to km. 12+600 for a length of 9900 mts or 9.900 kms along the proposed six lane on LHS, & Crossing @ km. 4+800 across the Proposed NH-71 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 pipe line 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.

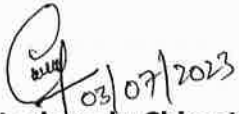
The proposal for laying of 500mm ductile iron water pipeline along the NH-71 as described above is recommended for the approval of Competent Authority.

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



## **CERTIFICATE**

This is certify that the one crossings at km. 04+800 proposed by M/s Electro Steel Castings limited for 500mm dia ductile water pipeline along with laying of pipeline from km. 1+400 to km. 17+630 on LHS of the proposed six lane. The above location is not closer to proposed structures as per the MORTH circular Guidelines RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 in the six lane work of NH-71.

SI No	Chainage of the Proposed Crossing	Nearest Culvert/Underpass/any other structures on Renigunta - Naidupeta NH-71	Clear Distance
1	Km.04+800	Box Culvert @ km. 04+110	690 mts
		Major Bridge @ km. 05+036	236 mts

For SATRA Services and Sloutions Pvt.Ltd  
In JV with Feedback Infra Pvt.Ltd

  
(Venkateshwarlu Chimata)  
Team Leader



# 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@meilgroup.com

CIN : U45201TG2021PTC148109

Ref.: MEIL/SITE PROJECTS/NHAI/Renigunta-Naidupeta/23-24/867

Date: 26-06-2023

To,

**The Team Leader cum Sr. Highway Engineer,**  
M/s SATRA Services and Solution Private Limited  
In JV with Feedback Infra Private Limited,  
4<sup>th</sup> 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 – **permission requested by "M/s. Electrosteel Castings Limited" for laying of 500m dia Ductile Iron Pipeline along Renigunta – Naidupeta Section of NH-71 – Submission of Concessionaire Concern - Reg.**

**Ref:** 1. Concession Agreement signed on Dated: 17-02-2021,  
2. M/s Electrosteel Castings Limited Lr No. Nill, Dated: 21-01-2023,  
3. NHAI/PIU-TPT/070RN-22/SL. No. 28-OFC/2022/1882, Dated: 30-01-2023,

Dear Sir,

With reference to the above subject, the Authority (NHAI) letter ref. 3<sup>rd</sup> cited above has forwarded the letter received from M/s. Electrosteel Casting Limited vide letter ref. 2<sup>nd</sup> cited for permission requested for laying 500 mm dia Ductile Iron pipeline from Km. 1+400 to Km. 17+620 along the Renigunta – Naidupeta section of NH-71.

A joint site inspection was carried out along with the Independent Engineer and the representatives of M/s Electrosteel casting limited. Based on the Concessionaire is hereby submitting the concern on the proposals submitted is as bellow

1. The Proposal of laying 500mm dia Ductile Iron Pipeline from Km. 1+400 to Km. 2+400 for a length of 1.00 km, on LHS along the proposed alignment of NH-71 is not feasible, since there are Underground Electrical HT Cables along the project alignment of NH-71.
2. The Proposal of laying 500mm dia Ductile Iron Pipeline from Km. 2+400 to Km. 12+600 for a length of 10.20 km, on LHS along the proposed alignment of NH-71 and,
3. The Proposal of laying 500mm dia Ductile Iron Pipeline from Km. 12+600 to Km. 17+620 for a length of 5.02 km, on LHS along the existing alignment of NH-71.

In this, the Concessionaire hereby submits the concern on the proposal for laying of 500mm dia Ductile Iron pipeline by M/s. Electrosteel Casting Limited., along with the proposed alignment from Km. 2+400 to Km. 12+600 for a length of 10.20 km on LHS of the Renigunta – Naidupeta section of NH-71 with the following conditions.

- ✦ Laying of 500mm dia Ductile Iron pipeline 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.,



- ✚ 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.
- ✚ Day-to-day activities of Laying of 500mm dia Ductile Iron pipeline work should be notified to the representatives of Concessionaires for the respective stretches.

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 request**  
**General Manager**  
**(Authorized Signatory)**

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

## CHECK LIST

### (Renigunta - Naidupeta Section of NH-71)

Guidelines for processing the proposal for laying Sewage Pipe Line in the land along National Highway vested with NHAI/PWD/BRO

Sr. No	Item	Information / Status of Crossing	Remarks
1	General Information	Laying & Jointing of Sewage Water Pipeline in Chittoor District	
1.1	Name and Address of the Applicant / Agency	M/s. ECL, SW, Rachagunneri -517641, Srikalahasthi Mandal, Chittoor District.	
1.2	National Highway Number	NH-71	
1.3	State	Andhra Pradesh	
1.4	Location	Srikalahasthi Mandal, Chittoor District	
1.5	Chainage in KM	1) 500 mm dia DI K 9 pipeline from Renigunta to ECL Plant	Chainage increasing direction
1.6	Length in Meters	14900 mtrs	
1.7	Width of Available ROW		
	(a) Left side from center line towards increasing chainage / km direction	30 m	
	(b) Right side from center line toward increasing chainage/ km direction	30 m	
1.8	Proposal to lay underground Sewage pipeline	Yes	
	(a) Left side from centerline towards increasing chainage/ Km direction	Yes	
	b) Right side from centre line toward increasing chainage/ km direction	NA	
1.9	Proposal to acquire land		
	(a) Left side from centerline	NA	
	(b) Right side from centerline	NA	
1.10	Whether proposal is in the same side where land is not to be acquired		
	If not then where to lay the pipeline		
1.11	Details of already laid services, if any along the proposed route.	500 mm dia from KM 2.7/0 to 78/2 of Puthalapattu - Naidupeta road.	

*Project Director*  
NHAI, PIU, TIRUPATI.



		Permission copy from R & B Division, Tirupathi & Dist. Collector, Chittoor. Enclosed for reference.	
1.12	Number of existing lanes (2/4/6/8 lanes)	2	
1.13	Proposed Number of lanes (2 land with paved shoulders 4/6/6/8 lanes)	6	
1.14	Service road existing or not		
	If yes then which side		
	(a) Left side from Center line		
	(b) Right side from center line		
1.15	Proposed Service Road		
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay Sewage Pipeline is after the service road or between the service road and main carriageway	After the service road	
1.17	Whether carrying of sewage pipeline has been proposed on highway bridges. Then mention the methodology proposed for the same	NO	
1.18	Whether carrying of sewage pipeline 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 purpose at the expenses of the agency owning the line.	NO	
	(a) Whether existing drainage structures are allowed to carry the utility pipelines.	NO	
	(b) Is in on a line normal to NH	Yes	
	(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 Highway, the minimum distance being 15 meter.		
	(d) The casing pipe (or conduit pipe in the case of Sewage Pipeline)		





	top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.		
2.2.	Cross Section showing the size of pit and location of Sewage Pipeline for Open cut method	NA	
2.3.	Strip plan / Route plan showing Sewage Pipeline, Chainage, width of ROW. Distance of proposed from edge of RoW, important mile stone, intersections, cross drainage works etc.	Enclosed	
2.4.	Methodology for laying of sewage Pipe line	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	Agreed	
	(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 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	Agreed	
	(e) The road crust shall be built to the	Not Applicable	

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*[Handwritten signature]*

	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.		
	(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.	Yes	
2.4.2.	Horizontal Directional Drilling (HDD) Method	Only for Crossings	
2.4.3.	Methodology for laying pipeline through CD works and method of laying. In case of where the carrying of sewage pipeline on the bridge becomes inescapable.	NA	
3	Draft License Agreement signed by two witnesses	Enclosed	
3.1.	The license fee estimate as per Ministry's guidelines issues vide circular No. RW/NH-33044/29/2015/S&R(R) DATED 22. 11. 2016		ECL Agrees for the same as per requirement of NHAI
4	Whether performance Bank Guarantee as per Ministry's Circular no. RW/NH-33044/29/201 5/S&(R) dated 22.11.2016 is obtained.		ECL Agrees for the same as per requirement of NHAI
4.1.	Confirmation of BG has been obtained or not as per MoRTH. NHAI guidelines		ECL Agrees for the same as per requirement of NHAI
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	Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MORTH / NHAI.	Enclosed	

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5.3	Undertaking for Confirmation all standard condition of Ministry Circulars & NHAI's guideline	Enclosed	
5.4	Undertaking for indemnity against all damages and claims	Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic	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 Highway right of ways	Enclosed	
5.7.	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage caused to the National highway by the laying, Maintenance of shifting of the utility line will be borne by the applicant agency owing	Enclosed	
5.8	Undertaking that text of 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) dated 22/11/2016	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 Highway Administration	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 (not exceeding 60 days) of the intimation given.	Enclosed	
5.11.	Certificate from the applicant in the following format	Enclosed	



*[Handwritten signature]*



	(i) Laying of sewage Pipeline 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 notwithstanding the permission granted within such time as will be stipulated by NHAI for future six-lanning or another development		
6	Who sign the agreement on behalf of Sewage Pipeline agency	Mr. ECL, Srikalahasthi	
6.1.	Authorized person to sign the agreement on behalf of Sewage pipeline agency	Copy enclosed	
7	Certificate from Project Director		
7.1	Certificate that the proposal is confirming to all standards conditions issued vide Ministry's Circular No: RW/NH-33044/29/2015/S&(R) Dated 22.11.2016		
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 Gas 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 carriage way, easing of curve etc". (ii) for 6-lanning (a) Where feasibility is available "I do 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".		
8.	If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement. "	Included in the agreement	

  
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	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 Andhra Pradesh Section from Km..... to KM ..... Of NH No. - man build, Operate and Transfer Basis] and therefore, the licenses shall honour the same."		
9	Who will supervise the work of laying Sewage supply pipeline		
	(a) On Behalf of Applicant	G R Kannan, DGM	
	(b) on Behalf of MoRTH/NHAI	Project Director - NHAI, Tirupathi	
10.	Who will ensure that the defects in road portion after laying of Sewage supply pipe line are corrected and if not corrected then what action will be taken		
	(a) On Behalf of Applicant	Mr. ECL, Srikalahasthi	
	(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	M/s Electrosteel Castings Limited, Srikalahasthi	
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)		M/s ECL will agree for the same as per the requirement of NHAI
13	If any previous approval is accorded for laying of underground Sewage Supply Pipeline	No previous approvals accord at the proposed location.	

Name & Designation, Signature of authorized representative of applicant



Name & Designation, Signature of Concerned field authority of NHAI / PWD / BRO **Project Director**  
NHAI, PIU, TIRUPATHI.