



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,  
रानीगारीतोटा, कृष्णलंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

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

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

फोन / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Ref: NHAI/RO-VJA/PIU - TPT/NOC/APIIC/2023-24/ 4028 Dt.09.11.2023

To

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

Sub: **RO - Vijayawada** - Permission for laying of Water Pipeline from Km 156/200 to 156/460 in the RoW portion of Old NH-71 & Road Crossing from Km 30/050 to 30/150 of Renigunta - Naidupeta in the State of Andhra Pradesh - **Public comments** - Reg.

Sir,

Please find enclosed herewith a proposal submitted by M/s. APIIC for laying of Water Pipeline from Km 156/200 to 156/460 in the RoW portion of Old NH-71 & Road Crossing from Km 30/050 to 30/150 of Renigunta - Naidupeta 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,

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

Encl: As above

Copy to:

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



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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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

Ref: NHAI/RO-VJA/PIU - TPT/NOC/APIIC/2023-24/ 4027 Dt.09.11.2023

### INVITATION OF PUBLIC COMMENTS

Sub: **RO - Vijayawada** - Permission for laying of Water Pipeline from Km 156/200 to 156/460 in the RoW portion of Old NH-71 & Road Crossing from Km 30/050 to 30/150 of Renigunta - Naidupeta in the State of Andhra Pradesh - **Public comments** - Reg.

The Project Director, PIU - Tirupati submitted a proposal of M/s. APIIC for laying of Water Pipeline from Km 156/200 to 156/460 in the RoW portion of Old NH-71 & Road Crossing from Km 30/050 to 30/150 of Renigunta - Naidupeta 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



सत्यमेव जयते

# 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



06/11  
D.M.

NHAI/PIU-TPT/070RN-22/Sl. No. 16-OFC/2023-24/1405

Dt. 03.11.2023

To,

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



SE-VR

Sub: 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 12.600 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" - APIIC / VCICDP / 05 : Providing water supply to prioritized Industrial Clusters in the State of Andhra Pradesh - Southern Region - Grant of permission for laying of Water Pipeline from Km 156/200 to 156/460 in the RoW portion of Old NH-71 & Road Crossing from Km 30/050 to 30/150 of Renigunta - Naidupeta - Approval - Requested - Reg.

Ref: (i) M/s APIIC, SPSR Nellore Online Application no. 20221123/2/14/17662/1705, dated 24.11.2022  
(ii) T/o. Lr. No. NHAI/PIU-TPT/070RN-22/2022-23/1481, dated 07.12.2022  
(iii) IE, M/s. Satra Services & Solutions Lr. No. 01041112/IE/02/0247, dated 26.12.2023  
(iv) M/s. APIIC, Lr. No. ZO/Tpt Spl/NDP/APIIC/VCIC-05/NH 71/731, dated 07.07.2023

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Sir,

With reference to the above subject cited, it is to inform that M/s. Andhra Pradesh Industrial Infrastructure Corporation Ltd., Naidupeta vide letter cited under reference (i) above submitted a proposal through online portal regarding permission for laying of water pipelines from Km 156/200 to 156/460 in the RoW portion of Old NH-71 & Road Crossing from Km 30/050 to 30/150 along Renigunta - Naidupeta Section of NH-71 for a total length of 360 mts. including crossings by M/s. Andhra Pradesh Industrial Infrastructure Corporation Ltd., Naidupeta in the State of Andhra Pradesh on NH-71. 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. Andhra Pradesh Industrial Infrastructure Corporation Ltd., (APIIC).

2. The Independent Engineer vide letter cited under reference (iii) above reviewed that the proposal submitted by M/s. Andhra Pradesh Industrial Infrastructure Corporation Ltd., is found to be in order and recommended the proposal and made the following observations after joint inspection was carried out along with the representative of M/s. APIIC, Naidupeta.

Contd.,

//2//

- (i) *As proposed by the applicant M/s. APIIC for laying of pipeline along the existing NH-71 from Km 156/200 to Km 156/460, there is no widening proposal in the said location and the proposed six lane is re-aligned.*
- (ii) *As proposed by the applicant M/s. APIIC for crossing the proposed six-laning alignment at Km 30/050 in skew for a length of 100 mts.*
- (iii) *All the items of Check List 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*

3. Further, this office informed the applicant M/s. APIIC, Naidupeta for physical submission of files for taking further action in the matter. Accordingly, the applicant M/s. APIIC, Naidupeta vide letter cited under reference (iv) above had submitted the files to this office and requested for permission for laying of water pipelines from Km 156/200 to 156/460 in the RoW portion of Old NH-71 & Road Crossing from Km 30/050 to 30/150 along Renigunta - Naidupeta Section of NH-71 for a total length of 360 mts. including crossings.

4. In this connection, the proposal submitted M/s. APIIC, Naidupeta 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 Optical Fiber Cables (as per Sl. No. 5 of Checklist).
- (iv) Draft License Agreement regarding granting of ROW permission for laying telecom cable / OFC / ducts Plan showing proposed pipeline crossing.
- (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 water pipeline along with the representative of M/s. APIIC, Naidupeta.
- (ix) M/s. APIIC, Naidupeta has given undertaking as per Sl. No. 5 of Check List.
- (x) M/s. APIIC, Naidupeta has given undertaking that "we undertake the text of the license deed is as per verbatim of MoRT&H format (issued vide Ministry's Circular no. RW/NH-33044/29/2015/S&R(R), dt. 22.11.2016.
- (xi) Laying of water 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 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 the existing road earlier. Further, the applicant shall be directed to take due care to not disturb the Avenue Plantation along Project Highway.


Contd.,

//3//

6. In view of the above, the proposal of M/s. APIIC, Naidupeta, is herewith forwarded for approval of the Competent Authority for granting of ROW permission for laying water pipelines from Km 156/200 to 156/460 in the RoW portion of Old NH-71 & Road Crossing from Km 30/050 to 30/150 along Renigunta - Naidupeta Section of NH-71 for a total length of 360 mts.in the state of Andhra Pradesh on NH-71.

Encl: 2 Nos. Proposals

Yours faithfully

  
(G. Venkateshwarlu)  
Project Director,  
PIU-Tirupati





# 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)

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

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

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

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



### CERTIFICATE

Undersigned has examined the proposal of the applicant M/s. APIIC, Naidupeta for permission for laying of water pipelines from Km 156/200 to 156/460 in the RoW portion of Old NH-71 & Road Crossing from Km 30/050 to 30/150 along Renigunta - Naidupeta Section of NH-71 for a total length of 360 mts. including crossings 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 any hindrance to the 6-laning, if there is immediate need of shifting or re-location of proposed pipeline it will be done by the agency at their cost as per the undertaking given by the agency.
2. It will be ensured that supervision of the work of laying of utility and the defects in road portion if any, after laying of utility are corrected.
3. It will be ensured that proposed permission is entered in the register of records.

*(Signature)*  
Dy. Engineer (Tech.)  
NHAI, PIU-Tirupati.

*(Signature)*  
(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 BharatmalaPariyojna"

Our ref: 01041112/IE/02/0247

26December 2022

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

NHAI		
No.	2828	
Date	10 JUL 2023	
PD		
DY.M.		
LAO	1	2
PA		
SE	1	2
	3	
ACGNT		

**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 ductaile Iron water pipeline laying along old NH -71 for a length of 260 mts from ch. 156/200 to 156/460 & crossing in newly forming six lane road 71 for a length of 100 mts from ch. 30.050 to 30.150-**Submission of detailed Report/Comments-reg**

Ref:- 1. Concession Agreement dated 17 February 2021  
2. Authority letter no. NHAI/PIU-TPT/070RN-7B/2022-23/1481 dated 07.12.2022

Sir,

With reference to the Authority letter (#2) cited regarding Report on Permission to lay ductaile iron water pipeline laying along old NH -71 for a length of 260 mts from ch. 156/200 to 156/460 & crossing in newly forming six lane road 71 for a length of 100 mts from ch. 30.050 to 30.150. The proposal has been reviewed and joint inspection has been carried out along with APIIC Engineer and Concessionaire representative and our observations are as below.

1. As proposed by the APIIC for laying of pipe along the existing NH-71 from km. 156+200 to km. 156+460, there is no widening proposal in this location and proposed six lane is realigned..
2. As proposed by the APIIC for crossing the proposed six lane alignment at km. 30+050 in skew for a length of 100 mts.

The above proposal has been verified (as per the Ministry Circular no. RW/NH-33044/29/2015 S&R® dated 22.11.2018, Guidelines for processing the proposal for crossing water pipeline across National Highways vested with NHAI/PWD/BRO) the Checklist and other necessary undertakings and the same are found in order.

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

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



P.Chandra Sekharaiah  
Zonal Manager  
Tirupati Spl. Projects Zone

**Andhra Pradesh  
Industrial Infrastructure Corporation Ltd.**

(A Govt. of Andhra Pradesh Undertaking)  
Zonal Office One Stop Service Center IP/MPSEZ  
Menakur Vg. Naidupeta 524 421, Tirupati Dist  
email zm-tptspl@apiic.in cell 9848933878

Lr.No.ZO/Tpt Spl/NDP/APIIC/VCIC-05/NH71/731

Dt: 7-07-2023

To  
The Project Director,  
NHAI, PIU, Tirupati.

Sir,

**Sub:** APIIC / VCICDP / 05 : Providing water supply to Prioritized Industrial Clusters in the State Of Andhra Pradesh - Southern region- Grant of permission for laying of Water Pipe Line from Km 156/200 to 156/460 in the ROW portion of OLD NH-71 & Road Crossing from Km:30/050 to Km:30/150 of newly forming 6-lane road of Renigunta – Naidupeta section for a total length of (260m+100m) 360 m in Tirupati District In the state of Andhra Pradesh- Proposal submitted permission -Requested - Regarding.

NHAI-PIU TPT.		
No. 1537		
Date 09 JUL 2023		
PD		
DY.M.		
LAO	1	2
RA		
SE	1	2
	3	
ACCNT.		

**Ref:** 1.G.O.RT.No:221 of Industries and Commerce (Infra) Department  
Dt:06-08-2018.

2.Agreement No: OB/CE-S/APIIC/201,9-20 Dt: 15.10 2019.

3. On line application no: 20221123/2/14/17662/1705 Dt: 24-11-2022.  
x x x

Kind attention is requested to the subject work "VCICDP/APIIC/-05-Providing water supply to Prioritized Industrial clusters in the State Of Andhra Pradesh - Southern region is awarded to M/S KLSR-NCC(IV), Hyderabad vide ref 2nd cited.

The scheme is intended to cater the needs of prestigious projects taken up with central Govt., support like CEZ, CBIC (Krishnapatnam Node) and flagship Industries like Hero Moto Corp, Apollo Tyres in addition to the industrial parks like IP-Mambattu, Naidupeta Industrial Cluster, Sri-city and Srikalahasti-Yerpedu Node under Visakhapatnam Chennai Industrial Cluster.

The proposed demand of 4.55 TMC water to the prioritized industrial clusters in SPSR Nellore and Tirupati Districts was allocated from Kandaleru Reservoir. The work is in progress and to be completed by the end of December-2023.

The alignment of 800mm dia DI pipe line is proposed in the ROW of **Old National Highway - 71** in Renigunta- Naidupeta section from Km 156/200 to 156/460 & Road Crossing from Km:30/050 to Km:30/150 of newly forming 6-lane road of Renigunta- Naidupeta section.

Under the circumstances, the proposal is here with submitting for grant of permission for laying of water Pipe Line from Km 156/200 to 156/460 in the ROW portion of **Old NH-71** & Road Crossing from Km:30/050 to Km:30/150 of newly forming 6-lane road of Renigunta - Naidupeta section for a total length of (260m+100m) 360m in Tirupati District in the state of Andhra Pradesh.

.../P-2/...



The PD, NHAI-PIU, Tirupati is requested to process the same and permission may please be obtained and communicated at an early date, as the Govt. has taken up the work as prestigious one under ADB grant and reviewing the work very often at steering committee level as the work is a part of Visakhapatnam Chennai Industrial Corridor Development Programme (VCICDP)

Thanking you sir,

Yours faithfully,

Encls: Proposals :3 No's.

  
Zonal Manager,  
Tpt Special Projects Zone,  
APIIC-Ltd, Naidupeta

## SPECIFICATION REPORT

Specification report to accompanying the estimate towards "License fee" for road Permission for crossing of DI Water Pipe Line in NH-71 Renigunta – Naidupeta Section from 30/050 to 30/150 (new chainage) & laying of water pipe line from Km: 156/200 to Km:156/460 (old chainage) for a total length of 100m + 260m = 360m of NH Land on Renigunta – Naidupeta section in the state of Andhra Pradesh.

The Authorized Signatory, **Tirupati Special Projects Zonal Office**, MPSEZ, Menakuru, Naidupet Mandal, Tirupati District have requested to grant permission for crossing of DI Water Pipe Line in NH-71 Renigunta – Naidupeta Section from 30/050 to 30/150 (new chainage) & laying of water pipe line from Km: 156/200 to Km:156/460 (old chainage) for a total length of 100m + 260m = 360m of NH Land on Rapur-Yerpedu section in the state of Andhra Pradesh.

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 chainages and breakup of Village wise land rates are as follows.

S.No	Name of the Village	Chainage		Length in mtr	Dia of the pipe(MM)	Rate of Land abutting NH in Rs.	
		from	to			Per Acre	Per Sq.m
1	Srikalahasti , Srikalahasti (M), Tirupati (D)	30/050	30/150	100	800	2415000	597
2	Srikalahasti , Srikalahasti (M), Tirupati (D)	156/200 (old chainage)	156/460 (old chainage)	260	800	2415000	597

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

  
ZONAL MANAGER,  
TIRUPATI SPECIAL PROJECTS ZONE,  
APIIC Ltd: NAIDUPETA

  
Project Director  
NHAI, PIU, TIRUPATI,  
PROJECT DIRECTOR,  
NHAI, PIU-TIRUPATHI

## CHECK – LIST

Guidelines for processing the proposal for crossing Water Pipe Line across National Highways vested with NHAI/PWD/BRO.

**Relevant Circulars:** Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016


### Check list for getting approval for laying of over head Electrical line on NH land

S.No.	Item	Information/Status	Remarks
1.	General Information		
1.1	Name and Address of the Applicant/ Agency	<b>Tirupati Special Projects Zonal Office,</b> APIIC Ltd., MPSEZ, Menakuru, Naidupet Mandal, Tirupati District, A.P.,	
1.2	National Highway Number	NH-71(Renigunta-Naidupeta Section)	
1.3	State	Andhra Pradesh	
1.4	Location		
1.5	(Chainages in Km)	Road crossing @ Km 30/050 to 30/150 & laying from Km:156/200 to km:156/460.	
1.6	Length in Meters	100m (Road Crossing) + 260m (pipe laying) = 360m	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/Km direction	As per Sheet Attached	
	(b) Right side from center line towards increasing chainage/Km direction	As per Sheet Attached	
1.8	Proposal to laying WATER PIPE LINE cable		
	(a) Left side from center line towards increasing chainage/Km direction	Yes, As per Drawings attached	
	(b) Right side from center line towards increasing chainage/Km direction	Yes, As per Drawings attached	
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	YES	
	If not then where to lay the cable	NA	
1.11	Details of already laid services, if any, along the proposed route	Airtel, BSNL OFC Line	
1.12	Number of existing lanes (2/4/6/8 lanes)	2Lanes	
1.13	Proposed Number of lanes (2 lane with	NA	

**P. Casal**  
Zonal Manager  
Tirupati Spl. Projects Zone  
APIIC :: Naidupeta.

**Project Director**  
NHAI, PIU, TIRUPATI.

	paved shoulders/4/6/8 lanes)		
1.14	Service road existing or not	YES	
	If yes then which side	Both sides	
	(a) Left side from center line		
	(b) Right side from Center line	Both sides	
1.15	Proposed Service road		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to lay Water Pipe Line is after the service road or between the service road and main carriage way	After the service road	
1.17	Whether carrying of sewage/gas/WATER PIPE LINE pipe line has been propsoed 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 propsoed 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 HDD method	
	a) Whether existing drainage structure allowed carrying utility pipeline.	No Such Proposals	
	b) Is it on a line normal to NH	as furnished in Annexure-1	
	c) What is the distance of crossing the utility pipelines 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 Mtr	
	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.	MS Casing pipe as furnished in Annexure-1	

  
 P. Ramesh Babu  
 Zonal Manager  
 Tirupati Spl. Projects Zone  
 APIIC :: Naidupeta.

  
 Project Director  
 NHAI, PIU, TIRUPATI.

	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.	Will be followed	
	f) The casing / conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Will be followed	
	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 0.30 m below the drain inverts.	The proposed conduit pipe will be at a depth of 1.65 Mtr.	
	h) Mention the methodology proposed for crossing of road for the proposed WATER PIPE LINE. Crossing shall be by boring method (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type.	HDD (Trench less technology)	
	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.	Will be followed	
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 1.6m(min) 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	Drawing enclosed	

  
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	drainage f the road land.		
2.2	Cross section showing the size of pit and location of pipe line for HDD method.	Enclosed	
2.3	Strip plan / Route plan showing the Water 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 WATER PIPE LINE	Permission obtained and laying work in progress.	
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.	Yes Back fill with suitable soil in each layer 150mm and compacting with hand hammer.	
	(a) The trench width should be atleast 30 cm but not more than 60cm wider than the outer diameter of the pipe.	YES Will be followed	
	(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	YES Will be followed	
	(c) The backfill shall be completed in two stages (1) side-fill to the elvel fo the top of the pipe and (ii) overfill to the bottom of the road crust.	YES Will be followed	
	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.	YES Will be followed	
	e) The road crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	YES Will be followed	

  
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	f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	YES Will be followed	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	YES Will be followed	
2.4.2	Horizontal Directional Drilling (HDD) method.	Adopted for road crossings and built up areas where normal trenching is not possible	
2.4.3	Methodology for laying of Water Pipe Line through CD works and method of Laying. In cases where the carrying of gas pipe line on the bridge becomes in escapable.	Water pipe line taken adjacent and away from CD works with own arrangements	
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	Enclosed	
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	Yes	
5.1	Undertaking for not to Damage any other utility. If damaged then to pay the losses either to NHAI or to the concerned agency.	YES,Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI.	YES,Enclosed	
5.3	Undertaking for Confirming all standard conditions of Ministry Circulars and NHAI's guideline	YES,Enclosed	
5.4	Undertaking for Indemnity against all damages and claims.	YES,Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line	YES,Enclosed	

  
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	without hampering the traffic.		
5.6	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be paid by the applicant.	YES, Enclosed	
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, Enclosed	
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, Enclosed	
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, Enclosed	
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.	NA	
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 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	
5.12	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	Yes, Enclosed	

  
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	roadway safety for traffic. ii) for 6 laning "we do undertake that I will relocate services road / approach road / utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six laning or any other development.		
6	Who will sign the agreement on behalf of Laying of WATER PIPE LINE	<b>Tirupati Special Projects Zonal Office, APIIC Ltd., Naidupeta.</b>	
	Power of Attorney to sign the agreement is available or not	Yes	
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.	PD,PIU-Tirupati	
7.2	Certificate from PD in the following format (i) " It is certified that any other location of the WATER PIPE LINE line would be extremely difficult and unreasonable costly and the installation of Water Supply 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".	PD,PIU-Tirupati	
	(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-lanning".	PD,PIU-Tirupati	
	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 permitted Highway on which	Enclosed	

  
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	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 on build, operate and transfer basis] and therefore, the license shall honor the same".		
8.	Who will supervise the work of laying of WATER PIPE LINEz		
	(a) On behalf of the Applicant	<b>Tirupati Special projects Zonal Office</b>	
	(b) On bealf of NHAI	PD,PIU-Tirupati	
9.	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	<b>Tirupati Special projects Zonal Office</b>	
	(b) On bealf of NHAI	PD,PIU-Tirupati	
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	<b>Tirupati Special projects Zonal Office</b>	
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 Enclosed Annexure-III	
13	If any previous approval is accorded for laying of WATER PIPE 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]

  
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 Zonal Manager  
 Tirupati Spl. Projects Zone  
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**Project Director**  
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 [Name, Designation and signature of concerned authority of NHAI/PIU/Tpt]