



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)

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

रानीगरीथोटा, कृष्णालंका, विजयवाड़ा - 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/ Pipeline/2023/ 2490

Date : 30.06.2023

सार्वजनिक टिप्पणियों का आमंत्रण / INVITATION OF PUBLIC COMMENTS

विषय : आंध्र प्रदेश राज्य के दक्षिणी क्षेत्र (APIIC-VICDP-05) में प्राथमिकता वाले औद्योगिक समूहों को जल आपूर्ति प्रदान करना-एनएच-16 के टाडा-नेल्लोर खंड में डीआई जल पाइपलाइन बिछाने के संबंध में।

Sub : Providing water supply to Prioritized Industrial Clusters in the state of Andhra Pradesh - Southern region (APIIC-VICDP-05) -Laying of DI Water Pipeline across Tada - Nellore Section of NH-16 - Reg.

परियोजना निदेशक, पीआईयू - नेल्लोर ने आंध्र प्रदेश राज्य में एनएच-16 के टाडा - नेल्लोर खंड में डीआई जल पाइपलाइन बिछाने के लिए क्षेत्रीय प्रबंधक, एपीआईआईसी लिमिटेड, तिरुपति विशेष परियोजना क्षेत्र, नायडूपेटा का एक प्रस्ताव प्रस्तुत किया।

The Project Director, PIU - Nellore submitted a proposal of Zonal Manager, APIIC Limited, Tirupati Spl.Projects Zone, Naidupeta for laying of Laying of DI Water Pipeline across Tada - Nellore Section of NH-16 in the State of Andhra Pradesh

2. एमओआरटीएच के पत्र सं. RW/NH-33044/29/2015/S&R (R) दिनांक 22 नवंबर 2016 के दिशा-निर्देशों के अनुसार, उक्त प्रस्ताव को राजमार्ग प्रशासन द्वारा मंत्रालय की वेबसाइट पर 30 दिनों के लिए सार्वजनिक डोमेन में दावों और आपत्तियों (सार्वजनिक असुविधा, सुरक्षा और आम जनता के हित के आधार पर) के लिए डाला जाता है। As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22nd November 2016, the Highway Administration will put out the application in the Public Domain for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

3. उपरोक्त को ध्यान में रखते हुए, उपरोक्त प्रस्ताव पर जनता की टिप्पणियां, यदि कोई हो नीचे दिए गए पते पर आमंत्रित किया जाता है / In view of the above, the comments of public, if any, on the abovementioned proposal is invited on below mentioned address:

क्षेत्रीय अधिकारी विजयवाड़ा - / Regional Officer - Vijayawada,

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण / National Highways Authority of India ,

द्वार संख्या 41-29-45ए, आर.सं.एस.373/2ए / Door No.41-29-45A, R.S.No.373/2A,

कोदंडरामालयम् के पास, चालासानी नगर / Near Kodandaramalayam, Chalasani Nagar /,

रानीगरीथोटा, कृष्णालंका, विजयवाड़ा-520 013 / Ranigarithota, Krishnalanka, Vijayawada - 520 013

ईमेल/ Email: rovijayawada@nhai.org

(आर. के सिंह / R.K.Singh)

क्षेत्रीय अधिकारी - विजयवाड़ा/
Regional Office - Vijayawada

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, नेल्लोर, आ.प्र.

Project Implementation Unit, Nellore, A.P.

जी.एन.टी. राड, के साध बाईपास रोड जंक्शन, वेदयापालेम, नेल्लोर - ५२४ ००४, आ.प्र.

Bypass Road Junction with Old GNT Road, Vedayapalem, Nellore - 524 004, A.P.



दूरभाष : Ph No : 0861-2366040

ई-मेल : email : nel@nhai.org,

nhainel@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Ref: 11012/Pipeline/NH-16/T-N/NHAI/PIU/Nlr/2023-264

Date: 25.05.2023

To

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



Sir,

Sub: NHAI, PIU, Nellore-Widening and Strengthening of section Tada-Nellore and its Operation & Maintenance from 54.383 to Km. 165.1783 section NH-16 on BOT basis in Andhra Pradesh- Providing water supply to Prioritized Industrial Clusters in the state of Andhra Pradesh-Southern region (APIIC-VICDP-05)"-Crossing of NH-16 for laying DI Water Pipeline - **Request for Provisional Approval -Reg.**

- Ref: 1. APIIC lr no.ZO/APIIC/NDP/VCIC-05/NH-16/Gudur/22-23/ dated 25.11.2022.
2. T/o lr.11011/19/Pipeline/NOC/NHAI/PIU/Nlr/2022-1949 dated 07.12.2022.
3. IE lr no.Aarvee/NHAI/NH-16/22-23/2859 dated 20.12.2022.
4. STPL lr no.STPL/NHAI/NH-16/T-N/O&M/12/2022-23/083 dated 09.01.2023.
5. T/o lr.11011/19/Pipeline/NOC/NHAI/PIU/Nlr/2023-2374 dated 25.01.2023.
6. APIIC lr no.ZO/APIIC/NDP/VCIC-05/NH-16/Gudur/22-23/649 dated 14.03.2023.
7. T/o lr.11012/10/T-N/16/NOC/NHAI/PIU/Nlr/2023-2730 dated 20.03.2023.
8. STPL lr no. STPL/NHAI/NH-16/T-N/O&M/04/2023-24/001 dated 04.04.2023.

With reference to the subject cited above, the Zonal Manager, APIIC Ltd., Tirupati Spl. Projects Zone, Naidupeta vide reference 1st cited above, has submitted a proposal to this office for grant of permission for laying 700mm dia DI K9 water pipeline with a MS carrier pipe of 1200 mm Dia across NH-16 at Km.135+700 at Gudur in SPSR Nellore District in the state of Andhra Pradesh for a total route length of 60 mts.

In this connection, vide reference 2nd cited above the proposal has been forwarded to IE, M/s. Aarvee Associates Pvt. Ltd. and Concessionaire M/s. STPL to inspect the site and to verify the proposal in accordance to the MoRTH guidelines vide letter no. RW/NH/33034/29/2015/S&R dated 22.11.2016. Accordingly, IE vide reference letter 3rd cited has submitted their recommendation to grant ROW permission subjected to compliance to their observations.

Concessionaire's M/s.STPL vide reference 4th cited above has raised certain observations on the instant proposal and requested to submit the compliance to their observations. In this regard, PIU vide letter dated 25.01.2023 has communicated the same to the applicant and requested to submit compliance to the observations raised by Concessionaire.

Accordingly, the applicant vide letter dated 14.03.2023 (Received on 16.03.2023) has submitted the compliance report to this office and the same has been forwarded to the

Page 1 of 4

Concessionaire vide reference 7th cited and requested to examine and offer specific recommendations/comments on the instant proposal for taking further necessary action. Subsequently, Concessionaire vide ref 8th cited above has informed that there is no objection subject to certain conditions.

In this connection, the proposal submitted by the Zonal Manager, APIIC Ltd., Tirupati Spl. Projects Zone, Naidupeta was examined as follows are furnished herewith:

- a) The proposal letter Zonal Manager, APIIC Ltd., duly requesting ROW permission for laying of 700mm dia DI K9 water pipeline with a MS carrier pipe of 1200 mm Dia across NH-16 at Km.135+700 for a total length of 60mts and Horizontal Directional Drilling method (HDD) is proposed for crossing of NH-16.
- b) Checklist accordance to MoRTH guidelines is enclosed for laying of 700mm dia DI K9 water pipeline with a MS carrier pipe of 1200 mm Dia across NH-16 and the same is found in order.
- c) Draft license deed was submitted by the Zonal Manager, APIIC Ltd., Tirupati Spl. Projects Zone, Naidupeta in the prescribed format in accordance with MoRTH Guidelines.
- d) Construction methodology for laying of 700mm dia DI K9 water pipeline with a MS carrier pipe of 1200 mm Dia by HDD method is enclosed which is found in order.
- e) Cross section showing the size of DI pipeline with a MS carrier pipe for HDD method is enclosed.
- f) Strip plan/Route plan for crossing of water supply DI pipeline with a MS carrier pipe, distance of proposal for road crossing are enclosed.
- g) Undertaking for requisite Performance Bank Guarantee @ Rs.500/- per route meter and License fee for 5 years as per MoRTH Guidelines dated 22.11.2016 will be obtained from the agency, upon provisional approval of the proposal. Necessary calculations sheet is enclosed.
- h) Certificate from PD that the proposal is confirming to all standard conditions issued vide MoRTH Circular no. RW/NH/33044/29/2015/S&R(R) dated 22.11.2016 is enclosed.
- i) Necessary undertakings required in accordance to MoRTH Guidelines checklist from 5.1 to 5.12 are also submitted by the Zonal Manager, APIIC Ltd., Tirupati Spl. Projects Zone, Naidupeta.

In the view of the above, the proposal submitted the Zonal Manager, APIIC Ltd., Tirupati Spl. Projects Zone, Naidupeta has been verified in accordance with Guidelines of MoRTH Norms Circular F.No. RW/NH/33044/29/2015/S&R(R) dated 22.11.2016. The proposal along with the copies of all the above-mentioned documents is herewith forwarded.

In this connection, it is requested and recommended to the Competent Authority to accord approval for granting ROW permission for laying 700mm dia DI K9 water pipeline with a MS carrier pipe of 1200 mm Dia across NH-16 at Km.135+700 at Gudur in SPSR Nellore District in the state of Andhra Pradesh for a total route length of 60 mts.

Encl: As above.

Yours faithfully,

Sudhanshu Kumar
29/05/23
(Sudhanshu Kumar)
I/c Project Director,
PIU, Nellore(AP)



CERTIFICATE

1. It is certified that all Standard Conditions specified in the proposal from the Zonal Manager, APIIC Ltd., Tirupati Spl. Projects Zone, Naidupeta for grant of Permission for laying of water supply pipeline of 700mm dia DI K9 water pipeline with a MS carrier pipe of 1200 mm Dia across NH-16 at Km.135+700 at Gudur in SPSR Nellore District in the state of Andhra Pradesh for a total route length of 60 meters is in conformity as per MoRTH Guidelines vide Ir No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
2. I will ensure supervision of the work of laying utility and ensure that defects in road portion after laying of utility are corrected.
3. I will notify/Forfeit the BG for claims for damages done/disruption in working, if any.
4. It is to certify that upon of approval for the above proposal, the same will be entered in the Register of Records of the permission in the prescribed proforma.

Sudhanshu Kumar
25/05/23

(Sudhanshu Kumar)
I/c Project Director,
PIU, Nellore (AP)





SWARNA TOLLWAY PVT. LTD.

STPL/NHAI/NH-16/T-N/O&M/04/2023-24/001

Date: 04th April 2023.

To
The Project Director
Project Implementation Unit /
National Highways Authority of India
Bypass road Junction with old GNT Road
Vedayapalem
Nellore – 524004.
SRSP, Nellore Dist.

Dear Sir,

Sub: Operation & Maintenance of 4-lane divided carriageway facility of Tada – Nellore (KM 54.383 to Km. 165.183) Section of NH-5 constructed on BOT basis in Andhra Pradesh – **Providing water supply to Prioritized Industrial clusters in the state of Andhra Pradesh – Southern region (APIIC – VICDP-05) – Crossing of NH – 16 for laying of DI water Pipeline – Permission Requested – Report – Reg.**

Ref:

- 1) 1011/19/Pipeline/NOC/NHAI/PIU/Nlr/2022-1949 dated 07.12.2022.
- 2) Aarvee/NHAI/NH-16/22-23/2859 dated 20.12.2022.
- 3) Email dated, Dec 28, 2022, 8:57 PM.
- 4) Our letter no. STPL/NHAI/NH-16/T-N/O&M/12/2022-23/083 dated 09.01.2023
- 5) 11012/10/T-N/16/NOC/NHAI/PIU/PIU/Nlr/2023-2730 dated 20.03.2023.

The Concessionaire is in receipt of NHAI letter cited 5 above, wherein it was requested to examine & offer specific recommendations/comments to the compliance report submitted by Zonal Manger, APIIC on crossing of DI water Pipe line at Km.135.700.

In this regard, we would like to mention as under,

1. Please refer to the Concessionaire submission cited 4 above, wherein the Concessionaire had expressed its concern regarding likely damage to the pavement layers in future, due to construction of proposed crossing of 1200 mm dia pipeline below the embankment area of the A1 side of Major Bridge 136/5.
2. In the unlikely event that any portion of the Project Highway is damaged as a result of the foregoing, Construction and/or Operation and Maintenance costs (including consequential damages) will not be borne by the Concessionaire until the end of the Concession Period.
3. In case of damage to any portion of the Project Highway until the end of the Concession Period due to the above said work, thereby impacting the traffic and Toll

revenue of the Concessionaire due to the same, the losses in Toll revenue shall have to be compensated by NHAI to the Concessionaire.

4. It may please be noted that, in the event of any damage to project assets or deviation from the stated terms, the in-principle consent shall be deemed null and void with immediate effect, and the damages will not be borne by the Concessionaire.

The Concessionaire has no objection if the proposal is accorded permission by the Authority at its discretion, subject to confirmation of the following

- A. Applicable norms/guidelines.
- B. Comments of the Concessionaire vide our letter cited 4 above
- C. Points 1 to 4 as mentioned above
- D. Comments made by Independent Consultant of the Project Highway vide its letter cited 2 above.

The above is without prejudice to the rights of the Concessionaire under the provisions of the Concession Agreement.

This is for your kind Information and necessary action.

Yours faithfully,

For SWARNA TOLLWAY PVT LTD



Authorized Signatory.

Cc :- The Office of Independent Consultant for Information.

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, नेल्लोर, आंध्र.

Project Implementation Unit, Nellore, A.P.

जी.एन.टी. राड, के साथ बाईपास रोड जंक्शन, वेदयापालेम, नेल्लोर - ५२४ ००४, आंध्र.

Bypass Road Junction with Old GNT Road, Vedayapalem, Nellore - 524 004, A.P.

Ref: 11012/10/T-N/16/NOC/NHAI/PIU/PIU/Nlr/2023-2730

दूरभाष : Ph No : 0861-2366040

ई-मेल : email : nel@nhai.org,
nhainel@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Date: 20.03.2023

To
The Chief of Operations and Maintenance,
M/s.Swarna Tollways Pvt Ltd,
Budhanam.

Sir,

Sub: NHAI,PIU,Nellore-Widening and Strengthening of section Tada-Nellore and its Operation & Maintenance from 54.383 to Km. 165.1783 section NH-16 on BOT basis in Andhra Pradesh- Providing water supply to Prioritized Industrial Clusters in the state of Andhra Pradesh-Southern region (APIIC-VICDP-05)"-Crossing of NH-16 for laying DI Water Pipeline -Report-Reg.

Ref: 1. STPL Lr no.STPL/NHAI/NH-16/T-N/O&M/12/2022-23/083 dated 09.01.2023.
2. T/o Lr No.11011/19/Pipeline/NOC/NHAI/PIU/Nlr/2023-2374 dated 25.01.2023.
3. APIIC Lr No.ZO/APIIC/NDP/VCIC-05/NH-16/Gudur/22-23/649 dated 14.03.2023.


Please refer your letter no. STPL/NHAI/NH-16/T-N/O&M/12/2022-23/083 dated 09.01.2023 submitting therewith certain observations regarding grant of permission for Providing water supply to Prioritized Industrial Clusters in the state of Andhra Pradesh-Southern region (APIIC-VICDP-05)"-Crossing of NH-16 for laying DI Water Pipeline.

Vide reference 2nd cited above, the observations has been communicated to the applicant and requested to submit the compliance report to this office. In this connection, Applicant vide reference 3rd cited above,has submitted the compliance to the observations raised vide letter dated 09.01.2023.

In this regard, it is requested to examine the Compliance report submitted by Zonal Manager,APIIC and offer your specific recommendations/comments to this office for taking further necessary action.

Encl: As above.

Yours faithfully,


(T.Govardhan)
DGM (T) & Project Director
PIU-Nellore (AP)

Copy to:

TL, M/s.Aarvee Associates,Kovur-for information and necessary action.



J. Chandra Sekhar
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-tptsp@apiic.in cell: 98489-33878

Lr.No: ZO/APIIC/NDP/VCIC-05/NH-16/Gudur/22-23/ 649

Dt: 14.03.2023

To

The Project Director,
PIU, NHAI,
Vedayapalem, Nellore,
SPS Nellore District.

Sir,

Sub: ZO – APIIC – Tirupati Special Project Zone, Naidupeta – VCIC-05 - “**Providing water supply to Prioritized Industrial Clusters in the State of Andhra Pradesh- Southern region (APIIC- VICDP-05)**” – Crossing of NH-16 for laying DI Water Pipeline - Permission - Requested – Compliance Report – Submitted – Reg.

Ref: 1. Agt No: 08/CE-S/APIIC/2019-20 Dt: 15-10-2019.

2.T/O Lr.No: ZO/APIIC/NDP/VCIC-05/NH-16/Gudur/22-23/ Dt: 25.11.2022 to the PD, NHAI, Nellore.

3.Ref. No : 11011/19/Pipeline/NOC/NHAI/PIU/NLR/2023-2374 Dt: 25.01.2023 of the PD, NHAI, Nellore.

With reference to your letter 4th cited above, the following few lines are submitted for perusal and taking further necessary action.

1. NH – 16 crossing proposal submitted for laying DI water pipeline with 700mm dia MS Carrier Pipe and 1200 mm dia MS encasing Pipe for a length of 60 m across NH – 16 at Km. 135/700 of Chennai-Vijayawada Section.
2. The proposed location of crossing is at a distance of 100 m from Major Bridge at Gudur at Km. 135/700.
3. The method of crossing NH-16 will be carried through HDD method at a depth of 1.70 M below the existing Ground Level.
4. The location of crossing is 135/700 and is away from the bridge.
5. The gap between the encasing pipe and the carrier pipe is not filled with any material & would be remained free for future maintenance with both ends of encasing pipe closed.

S.F. 1
checked
Partup

Received on	16.03.23
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PA/Accts	16.3.23
SE 12345	

6. HDD Method of crossing is usually followed for NH/Railway crossings. The casing pipe of 1200 mm ^{MS} ~~NHA~~ will be specially designed to withstand heavy traffic loads and dead loads of embankment and which is inserted by HDD method at 1.70m below ground level without disturbing the banking. Hence failure of embankment doesnot arise. The APIIC will give undertaking by means of way leave agreement to attend any restoration for the cause of failure during the work in progress and further maintenance.
7. No inconvenience would be caused to the road users due to crossing the NH as it is being done by horizontal drilling method (trenchless technology only). In case any damage is caused to the road pavement in this process, then APIIC will restore the same to the original condition at own cost.
8. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of APIIC Ltd, Naidupeta.
9. Safe, smooth and uninterrupted flow of traffic would be ensured.
10. The two nos of pits would be digged outside the ROW of NHAI. However the pits would be restored immediately after completion of crossing work.
11. MS Pipes are specially designed for these types of crossings. However, it is submitted that necessary tests for load bearing, leakage and compression on the MS pipes are conducted at the factory itself at the time of manufacturing.
12. Jointing of pipes is done by welding only and hence leakage does not occur.
13. Road crossing would be done by HDD Method only.
14. APIIC would inform NHAI well in advance of the commencement of work and would carry the work under the supervision of the NHAI officials.
15. APIIC would ensure all safety rules & regulations during execution of work duly protecting the utilities of NHAI.
16. Upon work completion NOC would be obtained from NHAI.
17. Any damage to NH would be made good by APIIC at its own cost and risk.
18. Necessary BG would be submitted to the NHAI as per the demand notice.
19. APIIC would take up the work as per the standards, norms, specifications & guidelines of NHAI.

This is submitted for information and taking further necessary action.

Yours faithfully


ZONAL MANAGER

14/03/2023



J. Chandra Sekhar
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-totspl@apiic.in, cell: 98489-33878

Lr No. ZO/APIIC/VCIC-05/NPT/NH-16 crossing/ 622.

Date: 28/02/2023

To
The Project Director,
National Highways Authority of India,
PIU-Nellore,
Vedayapalem, Nellore-524 004.

Sir,

Sub: APIIC- VCIC-05- "Providing water supply to prioritised Industrial Clusters in the state of Andhra Pradesh- Southern Region"- Crossing NH16 for laying DI Water Pipe Line of Dia. 700mm with HDD Method @ KM. 135/700 at Gudur in Chennai - Vijayawada Section - Permission - Requested - Regarding (Reminder-I)

- Ref : 1. on line Application Details :[20221122/2/14/17658/1700]
2. T/O Lr No.: APIIC/NDP/VCIC-05/NH-16/GUDURU/22-23 Dt. 25-11-2022
3. STPL Lr no.: STPL/NHAI/NH16/T-N/O&M/12/22-23/083 Dt. 09-01-2023
4. PD Lr no.: 11011/19/pipe line/NOCNHAI/PIU/NLR/2023/2374 DT. 25-01- 2023

Kind attention of the Project Director, NHAI, Nellore is invited to the references cited, where in Zonal Office, APIIC has raised proposal for Crossing NH16 for laying DI Water Pipe Line of Dia. 700mm with HDD Method @ KM.135/700 at Gudur in Chennai - Vijayawada Section.

✓ Tentative Drawing is submitted for reference only. With the above proposal this office has requested for confirmation of crossing location, so as to take up following connected activities on either side of crossing with other departments such as (1). land acquisition, (2). Design of structure for crossing as per Ground condition and existing NH road profile etc.

✓ Further it is to inform that on according crossing permission, this office will submit detailed design report as per site conditions and as per applicable Traffic loads & MORTH conditions with detailed Method of Statement for execution activities.

✓ Hence it is requested to process the file and consent for crossing may please be obtained, so as to take up above connected activities without further delay.

✓ On approval of Drawing and Method of statement, the work will be grounded under the supervision of NHAI only.

✓ The above subject work taken up by the APIIC under VCIC Developmental programme with Asian Development Bank Aid is intended to provide dedicated water supply

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to SE-01

Contd.....P-2

P-2

from Kandaluru Reservoir to the 7 Industrial Clusters, viz., Krishnapatnam (CEZ, CBIC), Naidupeta, Sricity, Erpedu, Srikalahasti North & South Nodes, IP Mambattu, Chinnapanduru (Hero Motor Corp, Apollo Tyres) and the work is taken up on top priority.

✓ Immediate action is solicited, as the project is in progress and expected to be completed by 31-08-2023. The Govt is closely reviewing & monitoring the progress of weekly, any delay will cost to Exchequer in huge Amounts.

Thanking you Sir.

Yours Faithfully,

P. 
Zonal Manager 28/07/2023

Copy submitted to the Chief Engineer-S, APIIC Ltd, Mangalagiri for favour of information.



SWARNA TOLLWAY PVT. LTD.

STPL/NHA/NH-16/T-N/O&M/12/2022-23/083

Date: 9th January 2023

To
The Project Director
Project Implementation Unit /
National Highways Authority of India
Bypass road Junction with old GNT Road
Vedayapalem
Nellore - 524004.
SRSP, Nellore Dist.

Dear Sir,


Sub: Operation & Maintenance of 4-lane divided carriageway facility of Tada - Nellore (KM 54.383 to Km. 165.183) Section of NH-5 constructed on BOT basis in Andhra Pradesh - **Providing water supply to Prioritized Industrial clusters in the state of Andhra Pradesh - Southern region (APIIC - VICDP-05) - Crossing of NH - 16 for laying of DI water Pipeline - Permission Requested - Report - Reg.**

Ref: (1) 11011/19/Pipeline/NOC/NHA/PIU/Nlr/2022-1949 dated 07.12.2022.
(2) Aarvee/NHA/NH-16/22-23/2859 dated 20.12.2022.
(3) Email dated, Dec 28, 2022, 8:57 PM.

We are in receipt of your email cited (3) above, informing us to examine the proposal & furnish the specific remarks as per NHA guidelines for crossing of DI water Pipe line at 135.700.

The Observations are as follows: -

1. We understand that, the proposal is submitted for crossing of DI water Pipe Line with 700mm dia at Km.135.700 with the encasing of 1200 mm dia with MS pipe Line for a length of 60 mtrs across the Project Highway.
2. The proposed location is below the embankment area of A1 side of Major Bridge 136/5.
3. As per the proposal it is mentioned that the crossing of pipe will be carried through HDD method at the depth of 1.70 Mtrs below from the ground level.
4. Please note that the location is falling near existing major bridge no.136/5 and the embankment filling is more than 3.0 Mtrs. The proposed DI pipe will be crossing much below embankment filling area near major bridge.
5. It is observed that 700mm DI pipe will be passing through 1200 mm dia encasing pipe. The encasing material used for filling the gap between 700mm to 1200mm dia is not specified in the submitted proposal.
6. Since the dia of 1200mm pipe line is passing much below embankment formation, the embankment may fail. The Concessionaire shall not be held responsible for the causes of failures due to the above work and the restoration shall be done by NHA/through agency at their own cost including further maintenance of surrounding areas until the end of concession period.

 Page 1 of 3

7. If any inconvenience is caused to the road users due to the above said work and its maintenance, the Concessionaire shall not be held responsible.
8. Availability of 4-lanes for traffic shall be ensured by NHAI during the construction & maintenance period of the subject works till the end of the Concession Period.
9. NHAI shall ensure safe, smooth and uninterrupted flow of traffic on the Project Highway at the said location.
10. As per the proposal we understand that 2 nos of inspection pits will be dug within our ROW with a size of 1.2 X 1.2 X 1.65 Mtrs. After completion of the work, the same shall be restored immediately with in line with MoRTH & IRC specification and Good Industry Practice.

The action plan to take up if any leakages are found in the water Pipe is missing. Kindly instruct the Agency to submit the same,

11. Prior to passing in to the embankment, the pipe needs to be tested properly for leakage, load bearing and compression.
12. Proper care to be taken for any joint in between the pipes.
13. Road crossing should be done strictly with HDD method only and no open trenching will be permitted. Holes dug for HDD methods should be sealed properly with cement concrete so that it (trench) should not act as cross drainage in future. Any damage caused to Project Highway assets for subject work shall be responsibility of the NHAI/Agency and shall make good the damages if any caused during any stage of work / operations at its own risks and costs immediately upon observation/notifying.
14. Agency involved in crossing shall intimate NHAI/IC about their Construction program before commencement of work and shall work as per IC/NHA supervision / advise without deviation from accorded permission.
15. NHAI shall ensure that agency shall follow all safety rules & regulations during the execution of work and protect all utilities of NHAI.
16. Upon work completion, agency shall obtain NOC from NHAI to ensure there are no unattended damages to Project assets. The requirement is in concurrence to the basic expectation from the concessionaire to safeguard Project assets, especially in light of issues wherein in past agencies have inflicted damages to Project assets and absconded from the site without repairing them.
17. During the entire installation process and during Concession period, any damage to Project Highway due to improper workmanship / other reason or settlement of road due to crossing work shall be made good by NHAI/Agency at its risks & costs.
18. Authority is requested to collect adequate Bank Guarantee & mechanism of recovery from the agency to cover up unattended damages if any. Before release of BG, authority shall seek comments/consent of the IC/Concessionaire.
19. Validity of the work permission shall be for maximum period of 6 month from the date of issuing.
20. Agency shall follow all norms, specifications & guidelines of MoRTH & available on website www.morth.nic.in.

In view of above, the Authority is requested to kindly direct the agency to confirm the compliance of above said points. On receipt of the said confirmation, the Concessionaire shall review and provide its final comments before issuing NOC for the crossing of DI water pipe line at Km.135.700.

The above is without prejudice to the rights of the Concessionaire under the provisions of the Concession Agreement.

This is for your kind Information and necessary action.

Yours faithfully,

For SWARNA TOLLWAY PVT LTD



Authorized Signatory.

Cc :- The Office of Independent Consultant for Information.



aarvee associates

architects engineers & consultants pvt. ltd.

IE Services during O&M period for 4-lane Tada - Nellore section and Nellore Bypass section of NH-16 & Nandigama - Ibrahimpatnam - Vijayawada section of NH-65 in the state of Andhra Pradesh on BOT (Annuity) basis

Ref: Aarvee/NHA/NH-16/22-23/2859
Date: 20.12.2022

To
Project Director,
Project Implementation Unit,
National Highways Authority of India,
Nellore, Andhra Pradesh.

Sub: Widening and Strengthening of sections of Tada to Nellore (NH-5) and Nandigama to Ibrahimpatnam to Vijayawada (NH-9) in the state of Andhra Pradesh, India and Its Operation & Maintenance of Build, Operate and Transfer (BOT) basis – Providing water supply to Prioritized Industrial Clusters in the State of Andhra Pradesh –Southern region (APIIC-VICDP-05)-Crossing of NH-16 for laying DI water Pipeline –Permission Requested –Report-Reg.

Ref: 11011/19/Pipeline/NOC/NHA/PIU/Nlr/2022-1949 Dated: 07.12.2022

Dear Sir,

This has reference to your office letter cited above where in we have been advised to examine the proposal submitted by Zonal Manager, APIIC, Tirupati Division regarding permission for Crossing of water pipe at Km 135+700 from LHS to RHS as per the Ministry guide lines on Accommodation of Public and Industrial Utility Services along and across National Highways Policy guidelines RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.

On attending to the ground verification, our observations are as under

1. The applicant is proposing the Crossing of water pipe at Km 135+700 from LHS to RHS in line with the MoRTH Circular guide lines RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 using HDD method.
2. The Applicant has submitted all the documents as per Circular expect on line payment receipt for processing fee.
3. The applicant has to execute the works without any damages to the existing utilities On/under ground.
4. The agency should plan the activities without any obstruction to free flow of traffic on the highway and should follow the necessary safety measures.

Hence the proposal for the water pipe line can be recommended for the necessary approval of Competent Authority subject that the agency submit the compliance for the points raised under point no: 2.

This is for your kind information and necessary action.

Assuring our Best Services at all times.

Thanking you.

Yours sincerely,

For Team Leader cum Highway Engineer

Aarvee Associates Architects Engineers & Consultants Pvt. Ltd,

Copy to:

1. The Engineer, Aarvee Associates Architects Engineers & Consultants Pvt. Ltd for information
2. The COM M/s STPL Budhanam for information.

Project Office

C/O. NYSE Infrastructure Pvt. Ltd., Near Sai Baba Temple, Adj. Govt. Hospital, Kovur - 524137 Nellore Dist. Andhra Pradesh. Tel: 08622 - 271449-271448 e-mail ID: OM2192kovur@aarvee.net

Head Office

Rayula Residency, Sriragavar Colony Main Rd. Hyderabad - 500 082, India. CIN: L14200TG2005PTC043437
Tel: +91-40-23131533, 48483456, Fax: +91-40-23736277 e-mail: aarvee@aarvee.net, Web: www.aarvee.com



J. Chandra Sekhar
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,

Lr.No: ZO/APIIC/NDP/VCIC-05/NH-16/Gudur/22-23/

Dt: 25.11.2022

To

The Project Director,
PIU, NHAI,
Vedayapalem, Nellore,
SPS Nellore District.

Sir,

Received on 01.12.22	
No. By Hand	83/14
PD	
MGR/ Dy. MGR	
LAO/123	
PA/Accts	01.12.22
SE 123 45	

Sub: ZO – APIIC – Tirupati Special Project Zone, Naidupeta – VCIC-05 - **“Providing water supply to Prioritized Industrial Clusters in the State of Andhra Pradesh-Southern region (APIIC- VICDP-05)”** – Crossing of NH-16 for laying DI Water Pipeline - Permission - Requested – Reg.

Ref: 1. Agt No: 08/CE-S/APIIC/2019-20 Dt: 15-10-2019.

It is to submit that the subject work of “Providing water supply to the prioritized Industrial Clusters in the State of Andhra Pradesh-Southern Region (VICDP-APIIC-05)” is intended to provide dedicated water supply from Kandaleru Reservoir to the 7 Industrial Clusters, viz., Krishnapatnam (CEZ, CBIC), Naidupeta, SriCity, Erpedu-Srikalahasti North & South Nodes, IP Mambattu, Chinnapanduru (Hero Motor Corp, Apollo Tyres).

The total requirement of water for all the industrial clusters is 352 MLD whereas in the Phase-I it is decided to draw 112 MLD of water from the Pick-up weir (Head Regulator at Sankranthipalle Village, Rapur Mandal, Nellore District) by constructing a OT Structure and laying of pipeline of different dias. Viz., 1100mm, 900mm, 800mm, 700mm, 600mm, 500mm & 400mm.

The pipeline proposed for Krishnapatnam Industrial Cluster is 700mm dia DI K9 and the alignment of pipeline from pick up weir to Krishnapatnam Industrial Cluster is via villages of Rapur – Sydapuram - Gudur & Chillakur Mandals. crossing National Highway (NH-16) at Gudur Town limits at Km.135/700. There is no other alternative than to cross NH-16.

In this regard, the Zonal Manager, APIIC, Tirupati Special Project Zone, Naidupeta along with Manager (E), APIIC have met the PD, NHAI, Vedayapalem in the NHAI Office on 10.11.2022.

During the discussions the PD, NHAI, Vedayapalem instructed to file online application requesting NH -16 Permission and in order to save delay it was requested to submit the hard copy proposals of NH-16 crossing.

Accordingly, we have filed online application for NH-16 crossing vide Application Ref.No: 20221122/2/14/17658/1700. Also submitted that the hard copy proposal of crossing NH-16 prepared are herewith submitted for according permission at the earliest.

Yours faithfully

Encl: Hard Copy Proposals : 5 sets
(originals - 2 sets
Photostate – 3 sets)

P. Ramesh 25/11/22
ZONAL MANAGER

**APIIC LTD,
TIRUPATI SPECIAL PROJECTS
ONE STOP SERVICE CENTRE
MPSEZ, Menakuru (V),
Naidupet (M), Tirupati District**

**1 No: CROSSING OF DI WATER PIPE
LINE**

IN NH-16- PROPOSAL

SECTION

Chennai-Vijayawada Section at Km.135/700

The Project Director
National Highways Authority of India
Vedayapalem, Nellore.

CHECK – LIST

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

Relevant Circulars.

1. Ministry Circular No. NH-III/P/66/76 Dt: 18.11.1976
2. Ministry Circular No. RW-NJ-III/P/66/76 Dt: 01.05.1982
3. Ministry Circular No. RW/NH-11037/1/86-DOI(II) Dt: 28.07.1993
4. Ministry Circular No. RW/NH-11037/1/86-DOI(II) Dt: 19.01.1995
5. Ministry Circular No. RW/NH-34066/2/95/S&R dated: 25.10.1999
6. Ministry Circular No. RW/NH-34066/7/2003 S&R(B) dated: 17.09.2003
7. Ministry Circular No. RW/NH-33044/29/2015/S&R(R) dated: 22.11.2016

Check list for getting approval for laying of Water Pipeline with OFC on NH land

S.No.	Item	Information/Status	Remarks
1	General Information	"Providing Water supply to prioritized Industrial Clusters in the State of Andhra Pradesh Southern Region (VCICDP-APIIC-05)" Intends to lay 57 Kms of pipeline of 700 mm dia. DI K9 pipes from Maddelamadugu, Rapur (M), SPSR Nellore District to Chintavaram (V), Chillakur (M), Tirupati District duly crossing NH-16 at Km. 135/600. The pipeline at this crossing will be laid at a minimum depth of 1.70 Mtr below the existing Ground Level by Horizontal Boring Method with 700 mm dia MS Carrier Pipe along with 1200 mm dia MS casing pipe.	
1.1	Name and Address of the Applicant/ Agency	Zonal Manager, APIIC Ltd., Tirupati Special Projects Zone, Zonal Office, MPSEZ, Menakur, Naidupet Mandal, Tirupati District, A.P.,	
1.2	National Highway Number	NH-16 (Chennai - Vijayawada Section)	
1.3	State	Andhra Pradesh	
1.4	Location	At Km. 135/700 at Gudur Mandal, Tirupati District	
1.5	(Crossing Chainages in Km)	As per Annexure-I 1- crossing as per annexure-1	

1.6	Length in Meters	60 00 Mtr (Road Crossings)
1.7	Width of available ROW	-
	(a) Left side from center line towards increasing chainage/Km direction	Not Applicable
	(b) Right side from center line towards increasing chainage/Km direction	Not Applicable
1.8	Proposal to laying WATER PIPE LINE cable	Pipeline will be laid across NH 16 at Km 135/700
	(a) Left side from center line towards increasing chainage/Km direction	NA
	(b) Right side from center line towards increasing chainage/Km direction	NA
1.9	Proposal to acquire land	No
	(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)	4 Lanes
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA
1.14	Service road existing or not	NO
	If yes then which side	NA
	(a) Left side from center line	
	(b) Right side from Center line	NA
1.15	Proposed Service road	NO
	(a) Lift 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	NO
1.17	Whether carrying of sewage/gas/WATER PIPE LINE pipe line has been propsoed on highway Bridges.	No
	If Yes, the mention the methodology proposed for the same	
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges.	No
	If Yes, the mention the methodology proposed for the same	

1 19	<p>If crossings of the road involved</p> <p>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</p> <p>a) Whether existing drainage structure allowed carrying utility pipeline.</p> <p>b) Is it on a line normal to NH</p> <p>c) What is the distance of crossing the utility pipelines from the existing structures.</p> <p>Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.</p> <p>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.</p> <p>Mention type of casing.</p> <p>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.</p> <p>f) The casing / conduit pipe should, as minimum extend from drain to drain in cuts and toe of slop toe of slope in the fills.</p> <p>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.</p> <p>h) Mention the methodology propseod 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</p> <p>i) The casing / Conduit pipe shall be installed with an even bearing throughout its length and in such a</p>	<p>Yes HDD method</p> <p>No Such Proposals</p> <p>as furnished in Annexure-1 More than 15 Mtr</p> <p>MS Casing pipe as furnished in Annexure-1</p> <p>Will be followed</p> <p>Will be followed</p> <p>The propsoed conduit pipe will be at a depth of 1.70 Mtr.</p> <p>HDD (Trench less technology)</p> <p>Will be followed</p>
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	manner as to prevent the formation of a waterway along it.	
2	Document / drawing enclosed with the proposal	Enclosed
2.1	<p>Cross section showing the size of the trench for open trenching method. (Is it normal size of 1.6m(min) deepX0.3 wide)</p> <p>i) Should not be greater than 60 cm wider than the outer diameter of the pipe.</p> <p>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</p> <p>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.</p> <p>iv) These should be so laid that their top is atleast 0.6 meter below the ground level so as not to obstruct drainage of the road land.</p>	Drawing enclosed
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	Crossing will be done by Horizontal Directional Drilling (HDD) method – Detailed procedure attached.
2.4.1	<p>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.</p> <p>(a) The trench width should be atleast 30 cm but not more than 60cm wider than the outer diameter of the pipe</p>	<p>NA</p> <p>NA</p>

	(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	NA
	(c) The backfill shall be completed in two stages (i) side-fill to the level to the top of the pipe and (ii) overfill to the bottom of the road crust.	NA
	d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	NA
	e) The road crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	YES Will be followed
	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 inescapable.	Water pipe line taken adjacent and away from CD works with own arrangements
3	Draft License agreement signed by two witnesses.	YES, Enclosed
3.1	The License fee estimate as 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 Guarantee 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 extent norms MoRTH per each crossing as demanded by NHAI/MoRTH	An undertaking for agreement is attached herewith.
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.	Yes	An undertaking for agreement is attached herewith.
5	Affidavit / undertaking from the Applicant for the following is to be furnished		
5.1	Undertaking for not to Damage any other utility. If damaged then to pay the losses either to NHAI or to the concerned agency	YES, Enclosed	
5.2	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 without hampering the traffic.	YES, Enclosed	
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	YES, Enclosed	

	format (issued vide Ministry's Circular No RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	
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 clearance's 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 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.	YES, Enclosed
5.12	Certificate from the applicant in the following format i) Laying of Water Supply Pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic. ii) we do undertake that we will relocate services road / approach road / utilities at our own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six lanning or any other development.	Yes, Enclosed
6	Who will sign the agreement on behalf of Laying of water supply pipe line	Zonal Manager, APIIC Ltd., Tirupati Special Projects Zone, Naidupeta.
	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	PD,NHAI, Nellore, Vedayapalem

7.2	<p>31.01.1969, Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016</p> <p>Certificate from PD in the following format</p> <p>(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".</p>	PD,NHAI, Nellore, Vedayapalem
8.	<p>(ii) for 6-lanning</p> <p>(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".</p> <p>(b) In case feasibility report is not available " I do certify that sufficient ROW is available at site for accommodation proposed six-laning".</p> <p>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 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".</p> <p>Who will supervise the work of laying of WATER PIPE LINEz</p> <p>(a) On behalf of the Applicant</p>	<p>PD,NHAI, Nellore, Vedayapalem</p> <p>Enclosed</p> <p>Zonal Manager, APIIC Ltd., Tirupati Special projects Zone, Naidupeta.</p>
	<p>(b) On behalf of NHAI</p>	PD,NHAI, Nellore, Vedayapalem
9.	Who will ensure that the defects in	

road portion after laying of water supply pipe line are corrected and if not corrected then what action will be taken.

(a) On behalf of the Applicant

**Zonal Manager,
APIIC Ltd.,
Tirupati Special projects Zone,
Naidupeta.**

(b) On behalf of NHAI

PD, NHAI, Nellore, Vedayapalem

11

Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre

**Zonal Manager,
APIIC Ltd.,
Tirupati Special projects Zone,
Naidupeta.**

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]



[Name, Designation and signature of concerned authority of NHAI/PIU/~~Tpt~~
Project Director (Y/L)
NHAI, PIU-Nellore.(A.P.)]

CERTIFICATE

1. Undersigned has examined the proposal of the applicant for crossings of Water Pipe Line and confirm that all the standard condtions are satisfied issued Minstry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.
2. It is certified that any other location of utility line would be extremely difficult and unreasonble costly and installation of utility line within ROW will not

adversely affect the design, stability & traffic safety of the highway or the likely future improvement such as widening of the carriageway, easing of curve etc.

3. I will ensure supervision of the work of crossing of utility and ensure that the defects in road portion after crossing of utility are corrected.
4. I will notify/forefit the BG for claims for damages done/disruption in working, if any.
5. I will ensure that proposed permission is entered in the register of records.
6. The record of previous approval, if any has been considered and copy of same is enclosed with the proposal.

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

SPECIFICATION REPORT

Specification report to accompany the estimate towards "License fee" for road crossings of DI Water Pipe Line in between Km 135/700 of NH-16 on Chennai-Vijayawada section as Per Annexure-I at Gudur for a total length of **60 Mtr.** of NH Land.

The Authorized Signatory, **Tirupati Special Projects Zone**, MPSEZ, Menakuru, Naidupet Mandal, Tirupati District have requested to grant permission for 1 no of road crossings of DI Water Pipe Line in between Kms 135/700 of NH-16 on Chennai-Vijayawada section for a total length of **60 Mtr.** of NH Land on Chennai-Vijayawada section in the state of Andhra Pradesh.

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

S.No	Name of the Village	Chainage		Length in mtr	Dia of the pipe(MM)	Rate of Land abutting NH in Rs.	
		from	to			Per Acre	Per Sq.m
1	Gudur (V) , Gudur (M), Tirupati (Dt)	135/700	135/800	60	1200	3500000	865
	Total						62,280.00

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


ZONAL MANAGER
TIRUPATI SPECIAL PROJECTS ZONE
APIIC Ltd: NAIDUPETA

PROJECT DIRECTOR,
NHAI,PIU-TIRUPATHI



ఆంధ్ర ప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

CW 549800

S.No.14795 Dt.22-11-2022 Rs.100/-

Sold to : J. Chandra Sekhar, S/o Late J. Ankaiah, Naidupeta.

For Whom : Zonal Manager, APIIC Ltd. Tirupathi Special Project Zone, Naidupeta, Tirupathi District.

VANGAMALA SUNEEL
Licenced Stamp Vendor
L.No. 09-08-019/2011
R.L. No. 09-08-006/2020-2022
Naidupeta (V), Indukurupeta (M)
SPR Nellore Dist.

Appendix

**AGREEMENT REGARDING GRANTING OF ROAD CROSSINGS PERMISSION
FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS**

Agreement for 1 no of crossing for laying DI water pipeline across NH 16 Chennai-Vijayawada section at Gudur at Km. 135/700 for a total length of 60.00m in Tirupati District in the state of Andhra Pradesh.

This Agreement made this _____ day of _____ of 2022, between Project Director acting in his executive capacity through the President of India / National Highway Authority of India (herein after referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, including his successors in office and assigns) on the one part **Zonal Manager, APIIC Ltd, Tirupati Special Projects Zone, MPSEZ, Menakuru, Naidupet Mandal, Tirupati District** (herein after called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia, for development and maintenance of lands at Km. 135/700 of NH-16 at Gudur.


Zonal Manager
Tirupati Spl. Projects Zone
APIIC Ltd, Naidupeta

Whereas the Licensee proposed for laying DI water supply pipeline of dia. 700mm referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility service of DI Water Pipe Line for crossing NH-16 at Km. 135/700 at Gudur total length of 60.00m in Tirupati District in the state of Andhra Pradesh.

And whereas the Authority has agreed to grant such permission for way leave on the NH road crossings as per terms and conditions hereinafter mentioned.

Now this Agreement witnesses that, in consideration of the conditions hereinafter contained and on the part of the Licensee/Licensees to be observed and performed, the Authority hereby grants to the Licensee permission to utility services to cross NH 16 road as per the approved drawing attached hereto subject to the following conditions, namely;

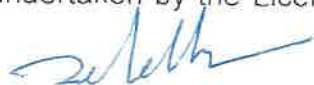
1. Road crossing permissions are only enabling in nature, The purpose of extending the way leave facility on the National Highway ROW is not for enhancing the scope of activity of utility service provider. Either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions/scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the ROW and any subsequent user will be permitted to use the ROW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfillment of technical requirements shall be final and binding on all concerned parties. In case any disruption / damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance project management, obtaining regulatory approvals & necessary clearances, supply of equipment material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs. /sq.m./month to the Authority. The License fee shall become payable from the date of handing over of ROW land to the Licensee, for laying of Telecom Cables/Ducts. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.



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slope in the fills and shall be designed in accordance with the provision of IRC and executed following the specifications of the Ministry.

12. Existing drainage structure shall not be allowed to carry the lines across.
13. The top of the casing / conduit pipe containing the utility services to cross the road shall be at least 1.2 m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3 m below the drain inverts. A typical sketch showing the clearance is given in Attachment-I.
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The Telecom Cables/Ducts for crossing the road may be installed under the road embankment either by boring or digging a trench, Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as neatly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here in below or as supplied by the Highway Authority.
 - (a) Bedding shall be to a depth 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 edges should be excavated and replaced by selected material.
 - (b) The backfill shall be completed in two stages (i) side fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
 - (c) The side shall consist of granular material laid in 15 cm Layers each consolidated by mechanical tamping 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.
 - (d) The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying Telecom Cables/Ducts by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris / loose earth produced due to execution of trenching at least 50 m away from the edge of the right of way.
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized



Zonal Manager
Tirupur Sub Projects Zone
APJCL Ltd., Tirupur

5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MORT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of ROW. In cases where Telecom Cables/Ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the ROW. In case of restricted width of ROW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc. the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings / parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
9. In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee. The permitted Highway on which license has been granted as a right to lay Telecom Cables/Ducts, has also been granted as a right of the way to be concessional under the concession agreement for up-gradation Kolkata-Chennai section on build, operate and transfer basis and therefore, the license shall honor the same.
10. It is to be ensured that at no time there is interference with the drainage of the road and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provided for / landscaped with required safety measures as directed by the concerned Authority.
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of



Zonal Manager
Tirupati Spl. Projects Zone
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representative in consultation with the Authority as per predetermined time schedule and quality standards.

19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. per route meter Rs., per sqm. with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority / its designated agency as a security against improper restoration of ground in terms of filling / unsatisfactory compaction damages caused to other underground installations / utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench / other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the bank Guarantee.
20. In case, the performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required performance Bank Guarantee within one month of such invoking. In case the work completed herein is not contemplated to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority. Its designated agency for any damage sustained by them by reason of the exercise of the ROW facility.
21. The Licensee shall shift the utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift / relocate the Telecom Cables/Ducts. In case it is so required for the purpose of improvement / widening of the road / route / highway or construction of flyover / bridge and restore the road / land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in coordination with Authority, regarding the location of other utilities / underground installations / facilities etc. The Licensee shall ensure the safety and security of already existing underground installations / utilities / facilities etc. before commencement of the excavation / using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations / utilities / facilities etc.
23. The Licensee shall be solely responsible / liable for full compensation / indemnification of concerned agency / aggrieved Authority for any direct, Indirect or consequential damages caused to them / claims or replacements sought for, at the


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cost and risk of the Licensee. The concerned agency in coordination with Authority shall also have a right make good such damages / recover the claims by forfeiture of Bank Guarantee.

24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying Telecom Cables/Ducts, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench / other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform / give a notice to the concerned agency designated by the Authority at least 15 days in advance with route details prior to digging trenches.
27. Each day, the extent of digging the trenches should be strictly regulated so that a Telecom Cables/Ducts is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The Licensee shall indemnify the concerned agency in co-ordination with Authority against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On Payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.




Joint Manager
5 - Outer Space Projects Zone
KSPCL Ltd, Naidupeta

This agreement has been made in duplicate each on a Stamp Paper, Each party to this Agreement has retained one stamped copy each.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN

Signed on behalf of By Licensee

(signed sealed and delivered for and on behalf of Authority) by


(Shri J. Chandra Sekhar)


(Shri P. Govardhan)


(Signature, Name & Address with Stamp)

Signature, Name & Address with Stamp)

IN THE PRESENCE OF (WITNESS)

IN THE PRESENCE OF (WITNESS)

1. 
M (E), APIIC, TSPZ, NDPT

1.

2. 

2.

31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land/property, other than what is herein expressly granted. No use of NH Row will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the Telecom Cables/Ducts located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and infeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of Telecom Cables/Ducts (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the site at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The Telecom Cables/Ducts shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding any thing contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary to take account of :

a Operation, repair and maintenance guidelines given by the manufacturers,


Zonal Manager
Tirupati Spl. Projects Zone
APIIC Ltd., Naidupeta