



# 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)

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

Regional Office : D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,  
Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

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

वेब/ web: www.nhai.gov.in



Ref: NHAI/RO-VJA/PIU-KDP/NH-40/KNL-KDP/NOC/APIIC/2024/2491 Dt.30.06.2023

To

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

Sub: **RO - Vijayawada** - Permission for laying of water pipeline along Kurnool - Kadapa section of NH-40 from Orvakal at Km 336+830 to Pudicherla at Km 341+430 (RHS) for a length of 4660m 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 along Kurnool - Kadapa section of NH-40 from Orvakal at Km 336+830 to Pudicherla at Km 341+430 (RHS) for a length of 4660m 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.

Encl: As above

Yours faithfully,

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

**Copy to:**

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



# 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)

श्रेत्रीय 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-KDP/NH-40/RO-VJA/PIU-KDP/NOU/APHC/2024/ 2492 Dt.30.06.2023



### INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for laying of water pipeline along Kurnool - Kadapa section of NH-40 from Orvakal at Km 336+830 to Pudicherla at Km 341+430 (RHS) for a length of 4660m 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 along Kurnool - Kadapa section of NH-40 from Orvakal at Km 336+830 to Pudicherla at Km 341+430 (RHS) for a length of 4660m in the state of Andhra Pradesh.

As per MORTH guidelines vide letter No.RW/NH-33044/29/2015/ S&R(R) dated 22<sup>nd</sup> November 2016, the Highway Administration will put out the application in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

In view of the above, the comments of public, if any, on the above mentioned proposal is invited on below mentioned address.

**Regional Officer - Vijayawada,**  
**National Highways Authority of India,**  
Regional Office, Dr. No.41-29-45A, R. S. No.373/2A  
Near Kodandaramalayam, Chalasani Nagar,  
Ranigarithota, Krishnalanka, Vijayawada - 520 013.  
Email: [rovijayawada@nhai.org](mailto:rovijayawada@nhai.org)

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



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सडक परिवहन ओर राजमार्ग मंत्रालय)

**NATIONAL HIGHWAYS AUTHORITY OF INDIA**

(Ministry of Road Transport & Highways, Govt. of India)

Project Implementation Unit, KADAPA

D.No. 1/441/16, Behind Lakshmi Towers, Maruthi Nagar, KADAPA - 516 001. YSR Dist. A.P.

E-mail: kadapanhai@gmail.com piukadapa@nhai.org



Ref.: NHAI/PIU-KDP/BOT/Access/Pipeline/2023/12978

Date 22/06/2023

To  
Regional Officer  
National Highways Authority of India,  
Door No.41-29-45A, R.S.No.373/2A,  
Near Kodandaramalayam, Chalasani Nagar,  
Ranigarithota, Krishnalanka,  
VIJAYAWADA - 520 013.



**Sub:** NHAI, PIU-Kadapa - Design Engineering, Financing, Procurement, Construction, Operation & Maintenance of 4 laning of Cuddapah-Kurnool section of NH-18 from the existing Km 167.750 to Km 356.502 in the State of Andhra Pradesh under NHDP Phase-III on BOT Basis - Proposal for provisional access permission for laying of water pipeline along Kurnool - Kadapa section of NH-40 from Orvakal at Km.336+830 to Pudicherla at Km.341+430 (RHS) for a length of 4660m - Request for Approval - Reg.

**Ref:** 1. APIIC, Kurnool Letter No. 02/APIIC/ZO/KNL/BWS-ORVAKAL/2023 dated 19.06.2023  
2. T/o. Letter No. NHAI/PIU-KDP/O&M/Access/2023-707 dated 15.06.2023  
3. Concessionaire M/s REPL Letter No. REPL/O&M/NHAI/05/2023/1690 dated 19.05.2023  
4. IE, M/s LN Malviya Infra Projects Pvt. Ltd., Letter No. LNM/IE/PCK-40/KK-07/2023/May /313 dated 18.05.2023  
5. T/o. Letter No. NHAI/PIU-KDP/BOT/Access/Pipeline/2023/12924 dated 17.05.2023  
6. APIIC, Kurnool Letter No. 01/APIIC/ZO/KNL/BWS-ORVAKAL/2023 dated 04.05.2023

Sir,

This has reference to the subject matter and references cited. It is to submit that, the Zonal Manager, APIICL, Kurnool vide reference 6<sup>th</sup> cited has submitted the proposal for provisional access permission to lay water supply pipeline along Kurnool-Kadapa section of NH-40 from Orvakal at Km.335+400 to Pudicherla at Km.340+400 (RHS) for a length of 5 km and requested for approval. The same has been communicated to the Independent Engineer and the Concessionaire vide reference 5<sup>th</sup> cited, for review and recommendation.

2. Accordingly, the Independent Engineer vide reference 4<sup>th</sup> cited (copy enclosed) has submitted the report along with detailed checklist and informed that the proposal submitted by M/s APIICL, Kurnool is found in-order as per MoRT&H Guidelines dated 22.11.2016.

3. Further, the Concessionaire vide reference 3<sup>rd</sup> cited (copy enclosed) has submitted the report and given his consent that the Concessionaire has no objection if the access permission is granted to the applicant.

4. The proposal submitted by APIICL was examined and certain observations were communicated to APIICL vide reference 2<sup>nd</sup> cited for compliance. Accordingly, APIICL, Kurnool vide reference 1<sup>st</sup> cited (copy enclosed) has submitted the compliance report to this office.

Correspondence/Steno

Contd...2

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5. The proposal of APIICL, Kurnool and reports of IE & Concessionaire has been examined and report is as follows;

5.1. APIICL, Kurnool has submitted the proposal for laying of water supply pipeline from Km 336+830 to Km 341+430 (RHS) for a length of 4660m only.

5.2. One crossing is proposed at Km 336+830 nearby Minor Bridge at Km 336+143 (687m from crossing location).

5.3. The utility is to be laid by APIICL in the utility corridor, which is at a distance of 28m from the centreline.

5.4. The Calculation of Licence Fee and Bank Guarantee Amount submitted by APIICL, Kurnool has been revised under the Industrial utilities category as per the Ministry Circular No. RW/NH-33044/29/ 2015/S&R(R) dated 22.11.2016 and MoRT&H guidelines no.NH-36094/01/2022-S&R (P&B) (E-208825) dated 24.04.2023. The details of revised license fee and Bank Guarantee is as follows;

- |      |                                   |                  |
|------|-----------------------------------|------------------|
| (i)  | The total license fee for 5 years | = Rs.4,00,533/-  |
| (ii) | Performance Bank Guarantee        | = Rs.23,30,000/- |

5.5. APIICL, Kurnool has not submitted the proposal through online portal of MoRT&H as per MoRT&H guidelines No. NOC enhancement/NIC/MoRTH/2022/1 dated 13.05.2022.

6. Further, APIICL, Kurnool has submitted the undertaking as per Sl. No.5 of Checklist and also submitted the following undertakings and documents -

- (i) Undertaking to relocate the water pipeline/Utilities at their own cost notwithstanding the permission granted within such time as stipulated by NHAI for future 6 laning or any other development.
- (ii) 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 dated 22.11.2016.

7.1. The applicant has submitted methodology for laying of water supply pipeline with open trenching / HDD or any other suitable method across Highway.

7.2. The applicant has submitted the Typical Cross Section for HDD method.

7.3. Power of Attorney of the Zonal Manager, APIICL, Kurnool has been submitted.

7.4. Calculation of License Fee and Bank Guarantee Amount for permission to lay the water supply pipeline as per MoRTH guidelines dated 22.11.2016 & dated 24.04.2023.



Contd...3



// 3 //

In view of the above, it is recommended that the approval for the provisional access permission may please be accorded for laying of water supply pipeline by providing 1100mm dia pipe along Kurnool - Kadapa section of NH-40 from Orvakal at Km.336+830 to Pudicherla at Km.341+430 (RHS) for a length of 4660m by APIICL, Kurnool.

Regards,

Yours faithfully,

  
(G Goverdhan)


DGM (Tech.) cum Project Director

Encl: As above

### INSPECTION REPORT

The proposal for provisional access permission for laying of water pipeline along Kurnool - Kadapa section of NH-40 from Orvakal at Km.335+400 to Pudicherla at Km.340+400 (RHS) for a length of 5km by APIICL, Kurnool was inspected on 27/05/2023 and the report is as follows.

1. APIICL, Kurnool has submitted the proposal for laying of water supply pipeline from Km.335+400 to Km.340+400 for a length of 5km. However, during site inspection, it was observed that APIICL, Kurnool has to lay the water supply pipeline from Km.336+830 to Km.341+430 (RHS) for a length of 4660m only.
2. One crossing is proposed at Km 336+830 nearby Minor Bridge at Km 336+143 (687m from crossing location).
3. The utility is to be laid by APIICL in the utility corridor which is at a distance of 28m from the centreline.
4. The Independent Engineer has reviewed and submitted the report stating that the proposal submitted by APIICL, Kurnool is found in-order in accordance with MoRT&H Circular dated 22/11/2016.

  
Site Engineer  
NHAI, PIU-Kadapa

  
Project Director  
NHAI, PIU-Kadapa

  
27/05/23  
Dy. Manager (Tech.)  
NHAI, PIU-Kadapa

### CERTIFICATE

1. The proposal for provisional access permission to lay the water pipeline along Kurnool - Kadapa section of NH-40 from Orvakal at Km.336+830 to Pudicherla at Km.341+430 (RHS) for a length of 4660m submitted by APIICL, Kurnool has been examined and the proposal is conforming with all the standard conditions issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and MoRT&H guidelines no.NH-36094/01/2022-S&R (P&B) (E-208825) dated 24.04.2023.
2. It is certified that any other location of the water supply pipeline would be extremely difficult and unreasonably costly and installation of water supply pipeline within RoW will not adversely affect the design, stability & traffic safety of neither Highway nor the likely future improvement such as widening of the carriageway, easing of curve, etc.
3. Independent Engineer will supervise the work of laying of water supply pipeline and ensure that the defects in road portion after laying of water supply pipeline are corrected.
4. It will be notified/forfeit the Bank Guarantee for claims for damages done/ disruption in working, if any.
5. It will be ensured that proposed permission is entered in the register of records.
6. No approvals are accorded for laying of underground gas pipeline at the above location.

  
(G. Goverdhan)

DGM (Tech.) cum Project Director



**T. VISWE SWARA RAO, A.P Industrial Infrastructure Corporation Ltd.**  
**ZONAL MANAGER.**

(A Government of Andhra Pradesh Undertaking)  
Zonal Office, Industrial Park, Kurnool-518003.  
E-mail - zm\_kur@apiic.in, Cell: +91 9948092246.

**Lr.No. 02/APIIC/ZO/KNL/BWS-ORVAKAL/2023**

**Dt. 19.06.2023.**

To,  
The Project Director,  
National Highways Authority of India,  
Project Implementation Unit-Kadapa,  
Door.No.1/441/16, Behind Lakshmi Towers,  
Maruthi Nagar, Near RTC Bustand,  
Kadapa, YSR District, Andhra Pradesh.

*Handwritten: 19/6/23*

<b>NHAI - PIU, KADAPA</b>	
Date <b>23/6/23</b>	No. <b>16780</b>
Manager	SE ✓
Dy. Manager	✓ AC
CEO	TIE
SA / Secy	✓

Sir,

Sub: **APIIC-ZO-KNL-Providing Bulk Water Supply to Mega Industrial Hub (MIH), Orvakal, Kurnool District - Permission to lay water pipeline along Kurnool-Kadapa Section of NH-40 from Orvakal at Km.336.830 to Pudicherla at - Km.341.430 (RHS) for a length of 4660 Mts under NHAI, PIU-Kadapa -ROW Permission -Submission of Revised Proposals along with supporting documents- Reg.**

Ref: 1. T.O. Lr.No. 01/APIIC/ZO/KNL/BWS-ORVAKAL/2023, dated 04.05.2023.  
2. Lr.No. NHAI/PIU-KDP/O&M/Access/2023/707, dated:15.06.2023.

**&&&**

Vide reference 1<sup>st</sup> cited, APIIC has requested for permission to lay water supply pipe line along Kurnool-Kadapa Section of NH-40 from Orvakal at Km.336.830 to Pudicherla at Km.341.430 (RHS) for a length of 4660 Mts from the competent authority, NHAI.

Vide reference 2<sup>nd</sup> cited, the Dy. General Manager (Tech.) & Project Director, NHAI examined the proposal for permission to lay water supply pipe line and instructed to rectify the documents.

As per the instructions of the Dy. General Manager (Tech.) & Project Director, NHAI Vide reference 2<sup>nd</sup> cited, rectifying the following documents.

1. The chainage is rectified and resubmitted for perusal.
2. The rectified line diagram duly mentioning the correct chainages and crossing on NH-40 is here with resubmitted.
3. The revised license fee is here with submitted as per the revised guidelines Annexure-I.
4. The performance Bank Guarantee has been calculated for Industrial Purpose only.
5. The revised calculation of License Fee duly considering the crossing with NH-40 at 336.830 is here with submitted.

The revised documents are here with submitted for favour of approval.

**Encl: Revised Documents.**

Yours faithfully,

*Handwritten: 19/6/2023*  
**ZONAL MANAGER,**  
**APIIC, KURNOOL.**



## ANNEXURE-I

### Calculation of Licence Fees and Bank Guarantee Amount

**Proposal for Granting of Permission to lay water pipe line along Orvakal-Pudicherla of NH-40 Road from ch:336+830 to ch:341+430 (From Orvakal-Pudicherla) (RHS) 4660.00 Mts UNDER NHAI, PIU - Kadapa**

S.No	Name of the Village	Chainage		Length Route Mtrs	Width in Mtrs	Utilized NH Land area Sq.mtrs	Prevailing Circle rate of Land in Rs./ Acre (As per Revenue Records)	Prevailing Circle rate of Land in Sq.Mtrs (Rate Per Acre/4046.86)	Amount in Rs.	Remarks
		From	To							
1	Orvakal to Pudicherla	336+830	336+830	60.00	1.8	108.00	4,00,000	98.84	10674.94	
2	Orvakal to Pudicherla	336+830	340+800	3970.00	1.8	7146.00	4,00,000	98.84	706325.40	
3	Orvakal to Pudicherla	340+800	341+430	630.00	1.8	1134.00	3,00,000	74.13	84065.18	
				<b>4660.00</b>					<b>801065.52</b>	
		License Fees(Rs./Month)=		6675.55					<b>6676.00</b>	
		Total License Fees for 5 Years =		400532.76					<b>400533.00</b>	
Total License fees payable by M/s APIIC for Laying Utility services (Water Pipe line) for Industrial utility as per MORT&H Circular No.RW/NH_33044/29/2015/S&R dated: 22nd Nov 2016 & NH-36094/01/2022-S&R(P&B) (E-208825) dated: 24th April 2023										

Total License fees payable by M/s APIIC for Laying Utility services (Water Pipe line) for Industrial utility as per MORT&H Circular No.RW/NH\_33044/29/2015/S&R dated: 22nd Nov 2016 & NH-36094/01/2022-S&R(P&B) (E-208825) dated: 24th April 2023

**100%**

**400533.00**

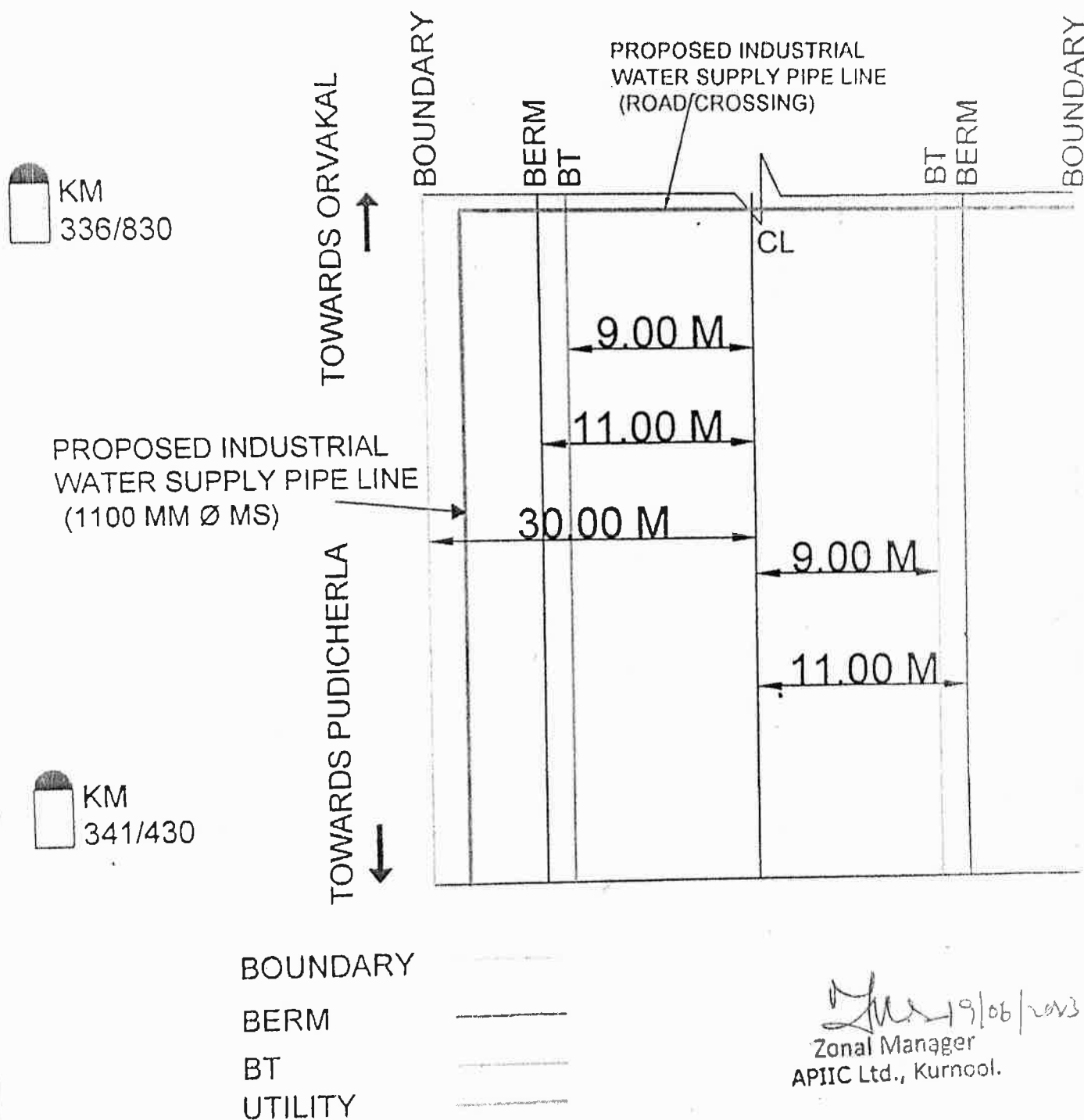
Performance	Bank Guarantee	Amount	Calculation

Amount of Performance Bank Gaurantee to be Submitted = Total No of Route Meter (from ch:336+830 to ch:341+430) for a length of 4660M to 1100mm Dia/Width)  
i.e, 4660x500=23,30,000/-

**Performance Bank Guarantee Amount Rs.23,30,000/-**

 19/06/2023  
Zonal Manager  
APIIC Ltd., Kurnool.

PLAN SHOWING THE DETAILS OF ROAD CUTTING  
PERMISSION IN RANIPET- KURNOOL HIGHWAY - NH40  
(Between Ch 336/830 to Ch 341/430 Orvakal to Pudicherla).



Ref: REPL/O&M/NHAI/05/2023/1690

Date: 19.05.2023

To,

The DGM (Tech.) & Project Director,

National Highways Authority of India,

Project implementation unit,

Door No. 1/441/16,

Behind Lakshmi Towers, Maruthi Nagar,

Near RTC Bus Stand, KADAPA - 516 991 - AP.

NHAI - PIU, KADAPA	
Date 20-5-23	No. 16382
Manager	SE ✓
Dy. Manager	AC ✓
LAO	ITE
PA / Steno	Y.H.E.

Sub: Design Engineering, Financing, Procurement, Construction, Operation and Maintenance of for four laning of Kadapa - Kurnool section of NH-18 from the existing Km: 167.750 to Km: 356.502 in the state of Andhra Pradesh under NHDP Phase-III BOT Basis - Providing Bulk Water Supply to Mega Industrial Hub (MIH). Orvakal, Kurnool District - Permission to lay water pipeline along Kurnool- Kadapa section of NH-40 from Km.335+400 to Km.340+400 (From Orvakal to Pudicherla) RHS 5 kms - Reg.

Ref: 1. NHAI Letter no. NHAI/PIU-KDP/BOT/Access/Pipeline2023/12924 dt.17.05 2023  
2. IE letter LNM/IE/PCK-40/KK-07/2023/May/313 dated. 18.05.20230

Dear Sir,

This has reference to NHAI letter dated 017<sup>th</sup> May 2023 cited at ref above wherein IE and Concessionaire were requested to examine the proposal for providing Bulk Water Supply to Mega Industrial Hub (MIH), Orvakal, Kurnool District. Permission to lay water pipe line along Kurnool to Kadapa section of NH-40 from Km. 335+400 to km. 340+400 (From Orvakal to Pudicherla) RHS 5 Kms.

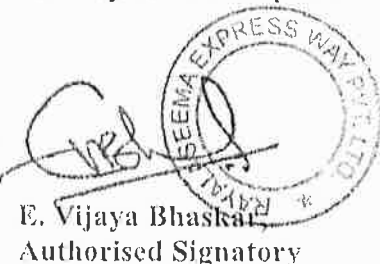
In view of the above, site inspection was carried out by the Concessionaire and there is no objection to the Concessionaire provided that Authority grants access permission. The detailed check list, as furnished by IE vide their letter cited at ref (2) above, for access permission is enclosed herewith for further necessary action.

This is for your kind information and further action please.

Thanking you and assuring of best attention always,

Yours Sincerely,

For Rayalseema Expressways Private Limited.,

  
E. Vijaya Bhaskar  
Authorised Signatory

Encl: As above (Checklist)

CC: The Team Leader, L. N. Malviya Infra Projects, Nandyal.

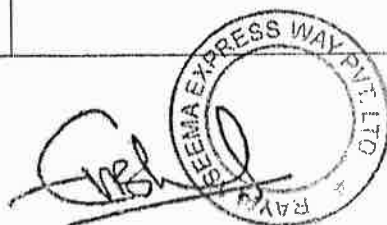
336+830 to 341+430 - Purichela

## NATIONAL HIGHWAY AUTHORITY OF INDIA, PIU(KADAPA)

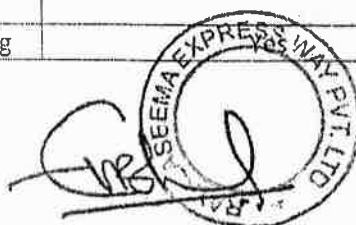
The Private Property by APIICL, Kurnool was found in order as per the MoRTH guidelines, Andhra Pradesh abutting NH-40 (Kurnool-Kadapa section) as per MoRTH guidelines no. RW/NH-R/W/NH-33032/01/2017-S&R (R), dated 26.06.2020.

### CHECK LIST

Guidelines for processing the proposal for laying of utility line in the land along National Highways vested with NHAI/PWD/BRO			
Sl No	Item		IE Comments
1	General Information	Providing Bulk Water Supply to Mega Industrial hub (MIH). Orvakal, Kurnool District	Providing Bulk Water Supply to Mega Industrial hub (MIH). Orvakal, Kurnool District
1.1	Name and address of the applicant/ Agency	Zonal Manager, APIIC, Kurnool.	Zonal Manager, APIIC, Kurnool.
1.2	National Highway Number	NH-40	NH-40
1.3	State	Andhra Pradesh	Andhra Pradesh
1.4	Location		Orvakal
1.5	Chainage/Km		Km.336+830 to Km.341+430
1.6	Length in meters	Ch. 335+400 to Ch.340+400 5.00 Km	4600 mts
1.7	Width of available RoW		
	a) Left side from center line towards increasing chainage/kms direction	30M	30 mts
	b) Right side from center line towards increasing chainage/km direction	30M	30 mts
1.8	Proposal to lay the utility		-
	a) Left side from center line towards increasing chainage/kms direction		-
	b) Right side from center line towards increasing chainage/km direction	Yes as per the drawings attached (utility corridor)	28-30 mts (Utility corridor)
1.9	Proposal to acquire the land	NA	NA
	a) Left side from center line	-	-
	b) Right side from center line	-	-
1.10	Whether proposal is in the same side where land is not to be acquired	NA	NA
	If not then where to lay the cable		-
1.11	Details of already laid services, if any along the proposed route		-



1.12	Number of existing lanes (2,4,6,8 lanes)	4 lane	4 lane
1.13	Proposed number of lanes 2 lane with paved shoulders/4/6/8 lanes)	NA	NA
1.14	Service road existing or not If yes then which side	Yes	Not at this location
	a) Left side from center line	13m to 16m	-
	b) Right side from center line	13m to 16m	-
1.15	Proposed service road	NA	NA
	a) Left side from center line	-	-
	b) Right side from center line	-	-
1.16	Whether proposal to lay the utility is after the service road or between the service road and main carriage way	After service road	At present there is no service road in the above location. However utility will be laid in the utility corridor, which is at a distance of 28 mts from the center line.
1.17	Whether carrying of water pipeline has been proposed on highway/ bridges if yes then mention the methodology proposed for the same	NA	NA
	Whether carrying of water pipeline has been proposed on the parapet bar any part of the bridges. If yes then mention the methodology proposed for the same	NA	NA
	a) Whether the existing drainage structures are allowed to carry the utility pipeline	NA	NA
	b) Is it on align normal to the NH	Yes	
	c) What is the distance of crossing the utility pipelines from the existing structures crossing shall not be too near the existing structures on the National Highway. The minimum distance being 15mts.	NA	Crossing is proposed at Km.336+830. Nearby structure is at Km. 336+143 (MNB), 687 mts from crossing location.
	d) The casing pipe carrying		NA



	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 carrier pipe/cable		
	Mention type of casing	MS PIPE LINE	NA
	e) Ends of the casing pipe shall be sealed from the outside. So that it does not act as a drainage path	Yes	NA
	f) The top of the casing pipe should be atleast 1.2mts below the surface of the road subject to being atleast 0.3mts below the drain inverts	Yes	NA
	Mention the proposed details		
	g) Mention the methodology proposed for crossing of road for the proposed water pipeline. Crossing shall be by boring method HDD. Specially where the existing road pavement is of cement concrete or dense bituminious concrete type.	H.D.D	H.D.D
	h) The casing pipe shall be installed with an even boring throughout its length and in such a manner as to prevent the formation of a water way along it		
1.18	No of applications on the same stretch	1	1
1.19	Whether the case of multiple licences	No	No
1.20	If so furnish a joint implementation programmer to lay their respective ducts within stipulated time frame.	NA	NA
	If crossing of the road involved If Yes, it shall be through trenchless technology	Yes by H.D.D method	Through HDD
2	Document bar drawing to be	Yes Enclosed	Enclosed

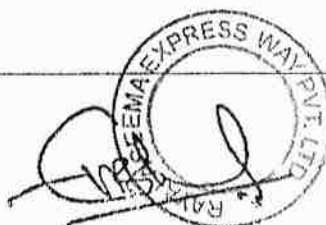




	enclosed with the proposal		
2.1	Cross section showing the size of the trench for open trenching method	Enclosed	Enclosed
	Is it normal size of 1.2m deep x 1.3m wide		
2.2	Cross section showing the size of the pit and location of cable for HDD method	Yes Enclosed	Enclosed
2.3	Strip plan/ route plan showing the utility/ gas pipeline chainage width of ROW distance of proposed pipeline from the edge of ROW. Important milestone intersections, cross drainage works etc...	Yes Enclosed as per drawing	Enclosed
2.4	Methodology for laying of the utility pipeline	Yes Enclosed	Enclosed (Open trench method)
2.4.1	Open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type	Backfill the soil excavated with compaction at the rate of every 300mm	Utility is being laid in the Utility Corridor
2.4.2	Horizontal directional drilling method (HDD method)	Only the road crossing	Only in the Crossings
2.4.3	Methodology for laying of the pipeline through CD works and method of laying	NA	NA
	In case where the carrying of water pipeline on the bridge becomes inescapable		
3	Draft licence agreement is signed by two witnesses	Enclosed	Enclosed
4.1	Performance bank guarantee		
4.2	Confirmation of BG has been obtained are not as per MORTH/ NHAI Guidelines	BG shall be submitted as per NHAI Guidelines	
5	Affidavit/ undertaking from the applicant from the following is to be furnished	Yes Enclosed	
5.1	Undertaking not to damage any other utility, If damaged the to pay the losses either NHAI or to the concerned	Yes Enclosed	Enclosed



	agencies		
5.2	Undertaking for renewal of BG as when asked by MORTH/NHAI	Yes will be obtained after submission of BG	Enclosed
5.3	Undertaking for confirming all standard condition of Ministry/NHAI guideline	Yes Enclosed	Enclosed
5.4	Shifting of OFC as and when required by NHAI		Enclosed
5.5	Shifting due to 6 laning / widening of NH		Enclosed
5.6	Undertaking for indemnity against all damages and claims	Yes Enclosed	Enclosed
5.7	Undertaking of management of traffic movement during laying of utility line without hampering the traffic	Yes Enclosed	Enclosed
5.8	Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by applicant		Enclosed
5.9	Undertaking that text of the license deed is as per verbatim of MORTH format issued wide ministry's circular number : RW-NH-33044/29/2015/S&R(R) dated: 22-11-2016		Enclosed
	Certificate from the applicate in the following format		
	"We do undertake that I/ We will relocate service road / approach road / utilities at my/ our own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future 6 laning/ any other development"		Enclosed
	Who will sign the agreement on behalf of water pipeline agency	Zonal manager, APIIC, Kurnool.	Zonal manager, APIIC, Kurnool.
6	Power of attorney to sign the agreement is available or not	Yes	Yes
7	The project director will submit the following certificates		
	Certificate that the proposal is confirming to all standard conditions issued wide ministers circular number:	Yes	Yes



	RW/NH/33044/29/2015/S&R dated: 22-11-2016		
8	Certificate from PD in the following format		
8.1	Certificate that the proposal is confirming to all standard conditions issued wide ministers circular number: RW/NH/33044/29/2015/S&R dated: 22-11-2016	Yes	Yes
8.2	Certificate for 6 laning from PD in the following format		
	a) Where feasibility is available "I do certify that there will be no hindrance to proposed 6 laning based on the feasibility report considering proposed structures at he said location"		No
	b) In case feasibility report is not available " I do certify that sufficient ROW at site for accommodating proposed 6 laning"		No
9	The agreement fee on Rs.1 shall be charged		
10	If NH section to be proposed to be taken up by NHAI on BOI basis a clause is to be inserted in the agreement. The permitted highway on which license has been granted the right to lay gas pipeline/ duct has also been granted as a right of way of to the concessionaire under the concession agreement for upgrading of (..... Section from Km..... to Km..... of NH no:-..... on build. (operate and transfer basis) and the license shall honour the same.	Yes	Yes
11	Who will supervise the work of laying of water pipeline		
	a) On behalf of the applicant	Zonal manager, APIIC, Kurnool.	Zonal manager, APIIC, Kurnool.
	b) On behalf of	Zonal manager, APIIC, Kurnool.	Independent



	MORTH/NHAI		Engineer
12	Who will ensure that the defects in road portion after laying of gas pipeline are corrected and if not corrected then what action will be taken.		
	c) On behalf of the applicant	Zonal manager, APIIC, Kurnool	Zonal manager, APIIC, Kurnool
	d) On behalf of NHAI	Zonal manager, APIIC, Kurnool	Independent Engineer
13	Who will pay the claims for damages done/ disruption in working of concessionaire if asked by the concessionaire		
	On behalf of applicant	Zonal manager, APIIC, Kurnool	Zonal manager, APIIC, Kurnool
14	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma(copy enclosed)		
15	If any previous approvals is accorded for laying of underground gas pipeline then photocopy of register of records/ permission accorded (as maintained by PD) be enclosed.		

Note:-

If norms are satisfied, detailed explanation needs to be given, otherwise the application will not be considered. In all cases supporting document as per Annex-I have to be submitted, otherwise the case will be summarily rejected.

The Right of way (ROW) of the National Highway available at the proposed location from centre line of the nearest carriageway is (30 m).

The above particulars along with the drawings and documents have been verified and certified as correct as per the prevailing site conditions.





# L.N. MALVIYA INFRA PROJECTS PVT. LTD.

Project Office: House No. 29-178-30, 1st Floor, Opp. Pyramid School, SBI Colony  
NANDYAL-518501, Nandyal Dist., Andhra Pradesh

mail: lnmkadapa@gmail.com

Letter No: LNM/IE/PCK-40/KK-07/2023/May/313

Date: 18<sup>th</sup> May, 2023

To,  
The Project Director,  
National Highways Authority of India,  
Ministry of Road Transport & Highways,  
Project Implementation Unit – KADAPA,  
D. No. 1/441/16, Behind Lakshmi Towers,  
Maruthi Nagar, Near RTC Bus Stand,  
KADAPA – 516 001, Andhra Pradesh.

**Sub:** Independent Engineer Services during Operation & Maintenance stage of four laning of Cuddapah – Kurnool section of NH-18 (New NH-40) from Km.167.750 to Km.356.502 in the state of Andhra Pradesh on BOT (Toll) project under NHDP Phase-III.  
**Reg.** Providing Bulk Water Supply to Mega Industrial Hub (MIH). Orvakal, Kurnool District - Permission to lay water pipeline along Kurnool- Kadapa section of NH-40 from Km.335+400 to Km.340+400 (From Orvakal to Pudicherla) RHS 5 kms.

**Ref:**

1. NHA/PIU-KDP/BOT/Access/Pipeline/2023/12924, dated 17.05.2023

Dear Sir,

This is in reference to NHA letter no.12924, wherein we were requested to review the proposal for Providing Bulk Water Supply to Mega Industrial Hub (MIH). Orvakal, Kurnool District - Permission to lay water pipeline along Kurnool- Kadapa section of NH-40 from Km.335+400 to Km.340+400 (From Orvakal to Pudicherla) RHS 5 kms.

In view of the above, site inspection was carried out on 18.05.2023 and accordingly the proposal submitted by M/s. APIIC Ltd., Kurnool was examined and found to be in order as per the MORT&H Guidelines. The utility is yet to be laid from Km.336+830 to Km.341+430 RHS, Length = 4.60 Kms. The detailed Checklist is enclosed for your reference.

Yours Faithfully,

**P. SUDHAKARA RAO**

Team Leader

NH-40

Mob.9492885192

M/s L.N.Malviya Infra Projects Pvt Ltd



**Encl:** Checklist

- C/c: 1.The Authorized Signatory, M/S REPL, Nandyal  
2. The Head Office L.N.Malviya Infra Projects Pvt Ltd, Bhopal.

## NATIONAL HIGHWAY AUTHORITY OF INDIA, PIU(KADAPA)

**The Private Property by APIICL, Kurnool was found in order as per the MoRTH guidelines, Andhra Pradesh abutting NH-40 (Kurnool-Kadapa section) as per MoRTH guidelines no. RW/NH-R/W/NH-33032/01/2017-S&R (R), dated 26.06.2020.**

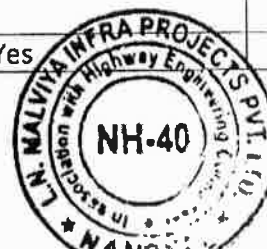
### CHECK LIST

Guidelines for processing the proposal for laying of utility line in the land along National Highways vested with NHAI/PWD/BRO			
Sl No	Item		I E Comments
1	General Information	Providing Bulk Water Supply to Mega Industrial hub (MIH). Orvakal, Kurnool District	Providing Bulk Water Supply to Mega Industrial hub (MIH). Orvakal, Kurnool District
1.1	Name and address of the applicant/ Agency	Zonal Manager, APIIC, Kurnool.	Zonal Manager, APIIC, Kurnool.
1.2	National Highway Number	NH-40	NH-40
1.3	State	Andhra Pradesh	Andhra Pradesh
1.4	Location		Orvakal
1.5	Chainage/Km		Km.336+830 to Km.341+430
1.6	Length in meters	Ch. 335+400 to Ch.340+400 5.00 Km	4600 mts
1.7	Width of available RoW		
	a) Left side from center line towards increasing chainage/kms direction	30M	30 mts
	b) Right side from center line towards increasing chainage/km direction	30M	30 mts
1.8	Proposal to lay the utility		-
	a) Left side from center line towards increasing chainage/kms direction		-
	b) Right side from center line towards increasing chainage/km direction	Yes as per the drawings attached (utility corridor)	28-30 mts (Utility corridor)
1.9	Proposal to acquire the land	NA	NA
	a) Left side from center line	-	-
	b) Right side from center line	-	-
1.10	Whether proposal is in the same side where land is not to be acquired	NA	NA
	If not then where to lay the cable		-
1.11	Details of already laid services, if any along the proposed route		-

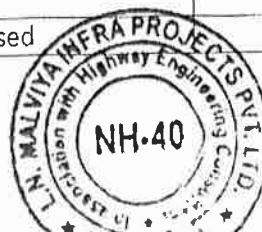




1.12	Number of existing lanes (2,4,6,8 lanes)	4 lane	4 lane
1.13	Proposed number of lanes 2 lane with paved shoulders/4/6/8 lanes)	NA	NA
1.14	Service road existing or not If yes then which side	Yes	Not at this location
	a) Left side from center line	13m to 16m	-
	b) Right side from center line	13m to 16m	-
1.15	Proposed service road	NA	NA
	a) Left side from center line	-	-
	b) Right side from center line	-	-
1.16	Whether proposal to lay the utility is after the service road or between the service road and main carriage way	After service road	At present there is no service road in the above location. However utility will be laid in the utility corridor, which is at a distance of 28 mts from the center line.
1.17	Whether carrying of water pipeline has been proposed on highway/ bridges if yes then mention the methodology proposed for the same	NA	NA
	Whether carrying of water pipeline has been proposed on the parapet bar any part of the bridges. If yes then mention the methodology proposed for the same	NA	NA
	a) Whether the existing drainage structures are allowed to carry the utility pipeline	NA	NA
	b) Is it on align normal to the NH	Yes	
	c) What is the distance of crossing the utility pipelines from the existing structures crossing shall not be too near the existing structures on the National Highway. The minimum distance being 15mts.	NA	Crossing is proposed at Km.336+830. Nearby structure is at Km. 336+143 (MNB), 687 mts from crossing location.
	d) The casing pipe carrying	Yes	NA



	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 carrier pipe/cable		
	Mention type of casing	MS PIPE LINE	NA
	e) Ends of the casing pipe shall be sealed from the outside. So that it does not act as a drainage path	Yes	NA
	f) The top of the casing pipe should be atleast 1.2mts below the surface of the road subject to being atleast 0.3mts below the drain inverts	Yes	NA
	Mention the proposed details		
	g) Mention the methodology proposed for crossing of road for the proposed water pipeline. Crossing shall be by boring method HDD. Specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	H.D.D	H.D.D
	h) The casing pipe shall be installed with an even barring throughout its length and in such a manner as to prevent the formation of a water way along it		
1.18	No of applications on the same stretch	1	1
1.19	Whether the case of multiple licences	No	No
1.20	If so furnish a joint implementation programmer to lay their respective ducts within stipulated time frame.	NA	NA
	If crossing of the road involved If Yes, it shall be through trenchless technology	Yes by H.D.D method	Through HDD
2	Document bar drawing to be	Yes Enclosed	Enclosed



*Judex*

	enclosed with the proposal		
2.1	Cross section showing the size of the trench for open trenching method	Enclosed	Enclosed
	Is it normal size of 1.2m deep x 1.3m wide		
2.2	Cross section showing the size of the pit and location of cable for HDD method	Yes Enclosed	Enclosed
2.3	Strip plan/ route plan showing the utility/ gas pipeline chainage width of ROW distance of proposed pipeline from the edge of ROW. Important milestone intersections, cross drainage works etc...	Yes Enclosed as per drawing	Enclosed
2.4	Methodology for laying of the utility pipeline	Yes Enclosed	Enclosed (Open trench method)
2.4.1	Open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type	Backfill the soil excavated with compaction at the rate of every 300mm	Utility is being laid in the Utility Corridor
2.4.2	Horizontal directional drilling method (HDD method)	Only the road crossing	Only in the Crossings
2.4.3	Methodology for laying of the pipeline through CD works and method of laying	NA	NA
	In case where the carrying of water pipeline on the bridge becomes inescapable		
3	Draft licence agreement is signed by two witnesses	Enclosed	Enclosed
4.1	Performance bank guarantee		
4.2	Confirmation of BG has been obtained are not as per MORTH/ NHAI Guidelines	BG shall be submitted as per NHAI Guidelines	
5	Affidavit/ undertaking from the applicant from the following is to be furnished	Yes Enclosed	
5.1	Undertaking not to damage any other utility, If damaged the to pay the losses either NHAI or to the concerned	Yes Enclosed	Enclosed



*Judly*

	agencies		
5.2	Undertaking for renewal of BG as when asked by MORTH/NHAI	Yes will be obtained after submission of BG	Enclosed
5.3	Undertaking for confirming all standard condition of Ministry/NHAI guideline	Yes Enclosed	Enclosed
5.4	Shifting of OFC as and when required by NHAI		Enclosed
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5.9	Undertaking that text of the license deed is as per verbatim of MORTH format issued wide ministry's circular number : RW-NH-33044/29/2015/S&R(R) dated: 22-11-2016		Enclosed
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	Who will sign the agreement on behalf of water pipeline agency	Zonal manager, APIIC, Kurnool.	Zonal manager, APIIC, Kurnool.
6	Power of attorney to sign the agreement is available or not	Yes	Yes
7	The project director will submit the following certificates		
	Certificate that the proposal is confirming to all standard conditions issued wide ministers circular number:	Yes	Yes



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8	Certificate from PD in the following format		
8.1	Certificate that the proposal is confirming to all standard conditions issued wide ministers circular number: RW/NH/33044/29/2015/S&R dated: 22-11-2016	Yes	Yes
8.2	Certificate for 6 laning from PD in the following format		
	a) Where feasibility is available "I do certify that there will be no hindrance to proposed 6 laning based on the feasibility report considering proposed structures at he said location"		No
	b) In case feasibility report is not available "I do certify that sufficient ROW at site for accommodating proposed 6 laning"		No
9	The agreement fee on Rs.1 shall be charged		
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11	Who will supervise the work of laying of water pipeline		
	a) On behalf of the applicant	Zonal manager, APIIC, Kurnool.	Zonal manager, APIIC, Kurnool.
	b) On behalf of	Zonal manager, APIIC, Kurnool.	Independent



	MORTH/NHAI		Engineer
12	Who will ensure that the defects in road portion after laying of gas pipeline are corrected and if not corrected then what action will be taken.		
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	d) On behalf of NHAI	Zonal manager, APIIC, Kurnool	Independent Engineer
13	Who will pay the claims for damages done/ disruption in working of concessionaire if asked by the concessionaire		
	On behalf of applicant	Zonal manager, APIIC, Kurnool	Zonal manager, APIIC, Kurnool
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The above particulars along with the drawings and documents have been verified and certified as correct as per the prevailing site conditions.

