

Government of India

Ministry of Road Transport & Highways

Regional Office, Vijayawada

Door no. 38-2-3/2, Gorle dalapanna Veedhi, Near American Hospital, Punnammithota
Vijayawada-520010. Tele: 0866-2970220; Fax: 0866-2571985

Dated: 04.02.2019

Invitation of Public Comments

Sub: Proposal for Permission for laying Water supply Pipelines along and across the Nation Highway by Public Health Department, Tirupati in the stretch from Km 57/000 to 79/200 on Chittoor - Kurnool section on NH-18 (New NH-40) in the state of Andhra Pradesh- reg.

Please find enclosed herewith the proposal in accordance with Ministry's latest guidelines dated 22.11.2016 forwarded by Engineer-in-chief (R&B), NH & CRF, AP vide letter no.40/Water Supply/EE(NH&CRF)/DEE4/AEE1/2018-19 dated 23.01.2019 for laying Water supply Pipelines along and across the Nation Highway by Public Health Department, Tirupati in the stretch from Km 57/000 to 79/200 on Chittoor - Kurnool section on NH-18 (New NH-40) in the state of Andhra Pradesh.

2. As per the guidelines, issued by the Ministry vide Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.16, the proposal for Highway crossing permission along & across National Highways shall be put out in the public domain for 30 days for seeking claims and objections on grounds of public inconvenience, safety and general public interest subject to condition that the Engineer-in-chief (R&B), NH & CRF, AP / Public Health Department, Tirupati shall submit the following required documents/details before the final approval:

(i) The correct calculation towards License fee.

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

The Regional Officer,
Ministry of Road Transport and Highways,
Gorle Dalappana Veedhi,
Near American Hospital, Punnam Thota,
Vijayawada - 520010
Email id: romorthvijayawada@gmail.com

Encl:As above

Yours faithfully,

(Nakul Prakash Verma)
Executive Engineer
For Regional Officer

Copy to:

- 1) Senior Technical Director, NIC for uploading on the Ministry's website.
- 2) The Engineer-in-chief (R&B), NH & CRF, AP.
- 3) M/s. Public Health and Municipal Engineering Dept. Office of the Executive Engineer Public Health Division, Tirupati.

**GOVERNMENT OF ANDHRA PRADESH
ROADS & BUILDINGS DEPARTMENT**

From

Sri.V.Rajiv Reddy,M-Tech
Engineer-in-Chief (R&B)
National Highways &CRF
Room No.501,
State HoD Offices Building,
MG Road,VIJAYAWADA - 520010.



To,
The Regional Officer
D.No.38-2-3/2, Gorle Dalappana Veedhi
Near American Hospital
Punnami Thota
Vijayawada-520010

29/11
EE-III

Lr. No.40/Water Supply/EE(NH&CRF)/DEE4/AEE1/2018-19 dt:23.01.2019

Sub: NH Division-Kadapa -Water Supply Improvement Scheme with Adivipalli Reservoir as source under AMRUT 2016-2020-laying of raw water& Clear water transmission Pumping mains from Thimmapuram Junction (Ch. 57/0 to 79/0 of NH-40) - Permission for laying pipeline -Reg

Ref: 1.MoRTH S&R (R) Zone Lr. No. RW/ NH-33044/29/2015/ S&R(R), dt: 22.11.2016
2. SE/NH/Anantapur Lr No.200/Water Supply-NH-40/CMC/ATO/2018-19 dt.29.11.2018
3. T/o Memo odd no dt.13.12.2018
4.SE/NH/Anantapur Lr No.200/Water Supply-NH-40/CMC/ATO/2018-19 dt.07.01.201

The SE(R&B), NH, Anantapur in the reference 2nd and 4th cited has submitted the proposal for "Laying of Public water pipe line from Adivipalli Reservoir to Chittoor town along with Chittoor-Kurnool Road NH-18 from Km 57/0 to 79/0 " as submitted by Executive Engineer, Public Health, Tirupati as per Ministry's new policy guidelines dt.22.11.2016 with the following details/particulars are here with submitted for according approval.

1. The total length of laying of Public water pipe line proposed to be laid is 22,000 meters along the road from Km 0/0 to 57/0" in Chittoor District.
2. Trenching & laying of 800 mm dia pipeline at a depth of 2.25 m from the existing ground level and the width of trench is 1.5 m along the proposed route.
3. The pipeline is proposed to be laid and maintained at a distance of 15 m from the centre line of the road.
4. The ROW of the road varies from 25m to 30m for this stretch.
5. For Licence fee calculations, rate of Rs.198/- per Sqm area has been taken towards Land rates in Pileru, Bodumalluvaripalle are Rs.4,50,00 /-, and Rs.12,12000 /- respectively. The average land rate of these two villages is Rs.8.31 Lakhs(Considered 8.00 Lakhs or Rs.198/- per sqm),.The supporting documents for the land rates are enclosed.
6. The licence fee to an amount of Rs.5,80,260/- has been credited to the account of Executive Engineer,(R&B),NH Division, Kadapa..
7. B.G (considering Rs.250/- per meter) towards security deposit for an amount BG towards Rs.55,50,00. vide BG.No. 0384181GPERO156 dt.12.12.2018 in favour of EE(R&B),NH Division ,Kadapa..

Hence, the above proposal is forwarded for according permission for "Laying of Public water pipe line from Adivipalli Reservoir to Chittoor town along with Chittoor-Kurnool Road NH-18 from Km 57/0 to 79/0" for total length of 22000 meters in AP, as per the conditions laid down in Ministry's guide lines dt:22.11.2016.

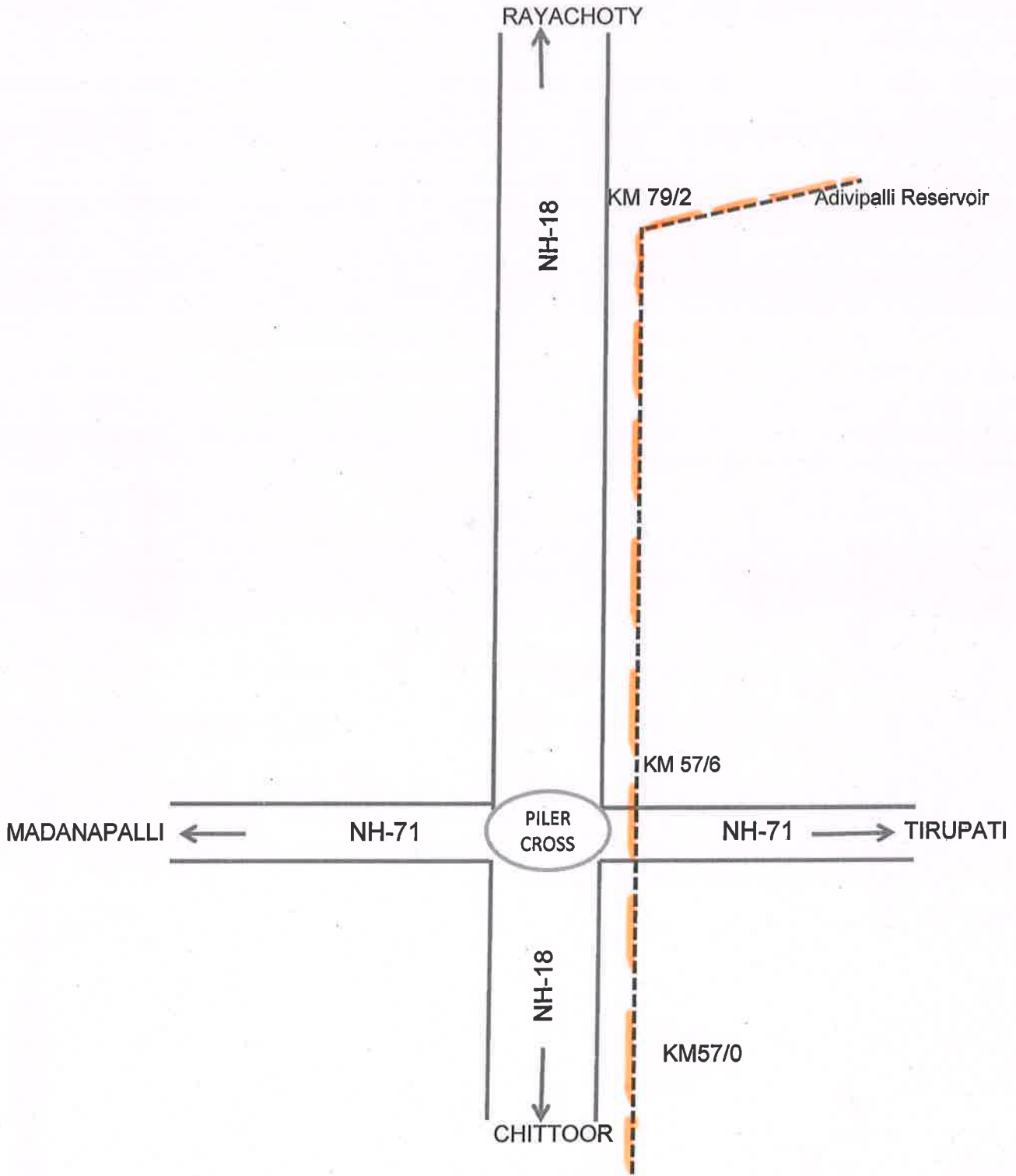
Encl: Book let-1 No

Yours faithfully


For Engineer-in-Chief (R&B)
NH&CRF, A.P., Vijayawada

Copy to the Superintending Engineer N.H.circle, Anantapur
Copy to the Executive Engineer, N.H.Division, Chittoor

Name of Work: License Fee/ security charges for Laying Public water pipe line from Advipalli Reservoir to Chittoor town along Chittoor - Kurnool Road NH-18 from Km 57/0 to 79/2 .



SKETCH SHOWING THE LAYING OF PUBLIC WATER PIPE LINE

[Signature]
 20/7/2018
 Assistant Executive Engineer
 (R&B), N.H. Section, PILER

[Signature]
 20/7/18
 DEPUTY EXECUTIVE ENGINEER
 (R&B) N.H. SUB-DIVISION, TIRUPATI

[Signature]
 20/7/18
 EXECUTIVE ENGINEER (R & B)
 N.H. DIVISION, KADAPA.

CERTIFICATE

- 1) Undersigned has examined the proposal of the applicant for laying of **“Laying Public water pipe line from Adivipalli reservoir to Chittoor town along Chittoor – Kurnool road NH-18 from Km 57/0 to 79/200 by Public Health and Municipal Engineer in Department in the state of Andhra Pradesh”** and confirm that the all standard conditions issued vide Ministry circle No.RW/NH-33044/29/2015S&R@ dt: 22.11.2016 has been followed.
- 2) It is certified that, any other location of utility line would be extremely difficult and unreasonable costly and installation of utility line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriage, easing of curve etc.,
- 3) I will ensure supervision of the work of laying of utility and ensure that the defects in road portion after laying of utility are corrected.
- 4) I will notify / forfeit the BG for claims for damage done / disruption in working, if any.
- 5) I will ensure that, the 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.


Executive Engineer (R&B)
NH Division, Kadapa

Inspection Report

I have inspected personally the location of the road on 20.11.2018 and there is no objection for according the permission for road cutting for laying of water supply pipe line from Advipalli Reservoir to Chittoor town along the Chittoor- Kurnool Road NH-18 from km. 57/0 to 79/2 passes through piler town through existing BT surface about 1.50 Kms.

27/11/18
Executive Engineer (R&B)
NH Division, Kadap

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Guidelines for processing the proposal for laying of utility line in the land along National Highways vested with NHA/PWD/BRO

Relevant Circulars

Ministry of Road Transport & Highways guidelines vide letter No. RW/NH- 33044/29/2001/S&R(R) dated 22-11-2016.

Sl. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	The Executive Engineer, Public Health Division, Tirupati.	
1.2	National Highway Number	NH-18 (New NH-40)	
1.3	State	Andhra Pradesh	
1.4	Location	Adivipalli Reservoir to Chittoor	
1.5	(Chainage in km)	along the Road from KM 79/200 to 57/000	
1.6	Length in Meters	22,200 meters.	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction	15 m	
	(b) Right side from center line towards increasing chainage/ km direction	15 m	
1.8	Proposal to lay the utility		
	(a) Left side from center line towards increasing chainage/km direction		
	(b) Right side from center line towards increasing /km direction	79/2 to 57/0	
1.9	Proposal to acquire land	Not Applicable	
	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	Yes	
	If not then where to lay the Water pipe line	Not Applicable	
1.11	Details of already laid services, if any, along the proposed route	No utilities/services along the proposed route	
1.12	Number of existing lanes (2/4/6/8 lanes)	2 lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 /6/8 lanes)	4 lanes	
1.14	Service road existing or not	No	
	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service road	No	
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay pipe line is after the service road or between the service road and main carriageway	Not Applicable	
1.17	Whether carrying of sewage/gas pipeline has been proposed on highway/bridges?	No	

[Signature]
Executive Engineer,
Public Health, Tirupati

[Signature]
Asst. Executive Engineer
(R&B), N.H. Section, PILER

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DEPUTY EXECUTIVE ENGINEER
(R&B) N.H. SUB-DIVISION, EXECUTIVE ENGINEER (R & B)
N.H. DIVISION, KADAPA

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	If Yes then mention the methodology proposed for the same		
1.18	Whether carrying of sewage/gas pipeline has been proposed on the parapet/any part of the bridges? If Yes then mention the methodology proposed for the same	No	
1.19	If Crossing of the Road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expense of the agency owning the line	No	
	a) Whether the existing drainage structures are allowed to carry the utility pipeline	No	
	b) Is it on a line normal to NH	NA	
	c) What is the distance of crossing the utility pipelines from the existing structures? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	Not Applicable	
	d) The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casing.	NA	
	e) Ends of the casing/conduit pipe shall be sealed from outside, so that it does not act as a drainage path	NA	
	f) The casing/conduit pipe should be as minimum extend from drain to drain in cuts and toe of slope in fills	NA	
	g) The top of the casing/conduit pipe should be at least 1.2meter below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details	Yes	✓
	h) Mention the methodology proposed for crossing of road for the proposed sewage/Gas pipeline. Crossing shall be by boring method (HDD) (Trenchless Technology), specially where the existing road pavement is of cement concrete or dense bituminous concrete type	NA	
	i) The casing/conduit pipe shall be installed with an even bearing.	NA	

[Signature]
Executive Engineer,
Public Health, Tirupati.

[Signature]
Assistant Executive Engineer
(R&B), N.H. Section, PILER

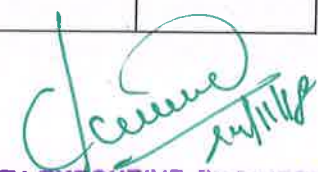
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DEPUTY EXECUTIVE ENGINEER
(R&B) N.H. SUB-DIVISION, TIRUPATI


[Signature] 27/11/18
EXECUTIVE ENGINEER (R & B)
N.H. DIVISION, KADAPA,


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	throughout its length and in such a manner as to prevent the formation of a water way along it		
2	Documents /drawings to be enclosed with the proposal		
2.1	Cross section showing the size of trench for open trenching	Enclosed	
	Is it normal size of 1.2m deep x 0.3 m wide	Yes	
	i) should not be greater than 60cms wider than the outer diameter of the pipe	Yes	
	ii) located as close to the extreme edge of the Right of Way as possible but not less than 15m from the center line of the nearest carriageway	Yes	
	iii) shall not be permitted to run along the National Highways when the road formation is situated in double cutting nor shall these be laid over the existing culverts and bridges	Yes	
	iv) These should be so laid that their top is at least 0.6m below the ground level so as not to obstruct drainage of the road land	Yes	
2.2	Cross section showing the size of pit and location of Pipe for HDD method	Yes	
2.3	Strip plan / Route Plan showing utility/Gas pipeline chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Strip plan showing all the details is enclosed	
2.4	Methodology for laying of the Utility pipeline	Enclosed	
2.4.1	Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes, what is the methodology of refilling the trench	Yes, Methodology of refilling is attached.	
	a) The trench width should be at least 30 cms, but not more than 60 cms. wider than the outer diameter of the pipe	Enclosed	


 24/11/2018
Assistant Executive Engineer
 (R&B), N.H. Section, PILER


DEPUTY EXECUTIVE ENGINEER
 (R&B) N.H. SUB-DIVISION TIRUPATI


Executive Engineer,
 Public Health, Tirupati


 27/11/18
EXECUTIVE ENGINEER (R & B)
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	b) For filling of the trench, Bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yield firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.	Yes	
	c) The backfill shall be completed in two stages- i) side fill to the level of the top of the pipe and ii) overfill to the bottom of the road crust	Yes	
	d) The side fill shall consist of granular material laid in 15 cms. layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or ponding will not be permitted.	Yes	
	e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	Yes	
	f) The excavation shall be protected by flagman, Signs and barricades and red lights during night hours.	Yes	
	g) If required a diversion shall be constructed at the expense of agency owing the utility line.	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method	No	
2.4.3	Methodology for laying of the pipeline through CD works and method of laying In cases where the carrying of gas pipeline on the bridge becomes inescapable	NA	
3	Draft License Agreement signed by two witnesses	Enclosed	
3.1	The License fee estimate as per Ministry's guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Enclosed	

[Signature]
Executive Engineer,
Public Health, Tirupati

[Signature] 24/11/2018
Assistant Executive Engineer
(R&B), N.H. Section, PILER

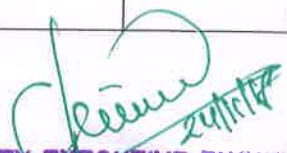
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DEPUTY EXECUTIVE ENGINEER
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[Signature] 25/11/2018
EXECUTIVE ENGINEER (R & B)
N.H. DIVISION, KADAPA.


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4	Whether Performance Bank Guarantee as per Ministry guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016 is obtained	Undertaking for submission of BG from Executive Engineer, Public health Division, Tirupati	✓
4.12	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines	NA	
5	Affidavit/Undertaking from the Applicant for 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/NHAI's guidelines	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 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 NH by 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 deal is as per verbatim of format issued by MoRTH vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Yes Enclosed	
5.10	Undertaking that the applicant has obtained various safety clearances from the respective authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, state/central pollution control board and any other statutory clearances as applicable, before applying to Highway Administration.	Not Applicable	


Assistant Executive Engineer
 (R&B), N.H. Section, FILER


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Executive Engineer,
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EXECUTIVE ENGINEER (R & B)
 N.H. DIVISION, KADAPA

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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 MoRTH/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 Gas pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic ii) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laning or/any other development.	Enclosed Enclosed	
6	Who will sign the agreement on behalf of Gas pipe line agency? Power of attorney to sign the Agreement is available or not	Yes Enclosed	Not enclosed
7	The Project Director shall submit the following Certificates		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide MoRTH circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Enclosed	
7.2	Certificate from the PD in the following format i) "it is certified that any other location of the utility pipeline would be extremely difficult and unreasonably costly and the installation of utility pipeline within RoW will not adversely affect the design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriage way, easing of curve" ii) for six laning a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location".	Enclosed Enclosed	

[Signature]
Executive Engineer,
Public Health, Tirupati

[Signature] 24/11/2018
Assistant Executive Engineer
(R&B), N.H. Section, PILER

[Signature] 24/11/18
DEPUTY EXECUTIVE ENGINEER
(R&B) N.H. SUB-DIVISION, TIRUPATI

[Signature] 27/11/18
EXECUTIVE ENGINEER (R &
N.H. DIVISION, KADAPA.

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	b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning"	Enclosed	
8	If NH section proposed to be taken up by NHAI on BOT basis – a clause is to be inserted in the agreement "the permitted highway on which licensee has been granted the right of way to lay cable /duct has also been granted as a right of way concessionaire under the concession agreement for up gradation of ----- section from Km. ----- to km ----- of NH no. ----- on Build, Operate and Transfer basis and therefore the licensee shall honor same.	NA	
9	Who will supervise the work of laying of Utility Pipe line		
	a) On behalf of the applicant	The Executive Engineer, Public Health Division, Tirupati.	
	b) On behalf of MoRTH/NHAI	The Executive Engineer (R&B), NH Division, Kadapa	
10	Who will ensure that the defects in road portion after laying of utility pipeline are corrected and if not corrected then what action will be taken.		
	c) On behalf of the applicant	The Executive Engineer, Public Health Division, Tirupati.	
	d) On behalf of MoRTH/NHAI	The Executive Engineer (R&B), NH Division, Kadapa	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	Public Health Department	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)	Yes, Enclosed	
13	If any previous approval is accorded for laying cable line then Photocopy of register of records of permissions accorded (as maintained by PD) to be enclosed.	No previous approvals accorded at the proposed location.	


Executive Engineer,
Public Health, Tirupati


Assistant Executive Engineer
(R&B), N.H. Section, P.H. Division, Tirupati


DEPUTY EXECUTIVE ENGINEER
(R&B) N.H. SUB-DIVISION TIRUPATI


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