



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

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

क्षेत्रीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलसानी नगर,  
रानीगरीतोटा, कृष्णालंका, विजयवाड़ा - 520 013, आंध्र 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 / Tele : 0866 -2483910, ई-मेल / E-mail : rovijayawada@nhai.org, nhairovja@gmail.com

वेब / Web : www.nhai.gov.in

Lr.No. NHAI/RO-VJA/PIU-AMR/NH-16/C-V/NOC/2024/555



Dt.22.02.2024

To

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

**Sub:** NHAI, RO - Vijayawada - 6 laning of Chilakaluripet - Vijayawada section of NH-16 - Public Health Division, Guntur - Permission for laying of water supply pipe along the highway from Km. 425+810 to Km.426+390 (RHS) on Chilakaluripet - Vijayawada section of NH-16 in the state of Andhra Pradesh for a total length of 580m - Public comments - Reg.

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Sir,

Please find enclosed herewith a proposal submitted by Executive Engineer, Public Health Division, Guntur for laying of water supply pipe along the highway from Km. 425+810 to Km.426+390 (RHS) on Chilakaluripet - Vijayawada section of NH-16 in the state of Andhra Pradesh for a total length of 580m on Chilakaluripet - Vijayawada section of NH-16 in the state of Andhra Pradesh.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application along with the recommendations of PD, PIU-Amaravati & notice inviting public comments are enclosed herewith with a request to host the same in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest), for taking further necessary action.

Yours faithfully,

Encl: As above

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

**Copy to:**

- (i) PD, PIU - Amaravati
- (ii) Executive Engineer, Public Health Division, Guntur



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

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

क्षेत्रीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर ,  
रानीगरीतोटा, कृष्णालंका, विजयवाड़ा - 520 013, आंध्र 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 / Tele : 0866 -2483910, ई-मेल / E-mail : rovijayawada@nhai.org, nhairovja@gmail.com

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Lr.No. NHAI/RO-VJA/PIU-AMR/NH-16/C-V/NOC/2024/556



Dt.22.02.2024

### INVITATION OF PUBLIC COMMENTS

**Sub:** NHAI, RO - Vijayawada - 6 laning of Chilakaluripet - Vijayawada section of NH-16 - Public Health Division, Guntur - Permission for laying of water supply pipe along the highway from Km. 425+810 to Km.426+390 (RHS) on Chilakaluripet - Vijayawada section of NH-16 in the state of Andhra Pradesh for a total length of 580m - **Public comments** - Reg.

\*\*\*\*\*

The Project Director, PIU - Amaravati submitted a proposal of Executive Engineer, Public Health Division, Guntur for laying of water supply pipe along the highway from Km. 425+810 to Km.426+390 (RHS) on Chilakaluripet - Vijayawada section of NH-16 in the state of Andhra Pradesh for a total length of 580m.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, 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 और राजमार्ग मंत्रालय, भारत सरकार) National Highways Authority of India

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

प.क.ई. अमरावती (ऑ.प्र.) 136ए, 106&107, वसन्ता रेसिडेंसी,  
श्री लक्ष्मी नरसिम्ह स्वामी कॉलनी, मंगलगिरी, ऑ.प्र. - 522 503

PIU-Amaravati(AP), 136A, 106&107, Vasantha Residency,

Sri Lakshmi Narasimha Swamy Colony, Mangalagiri, A.P. - 522 503.

टेली / Tele : 08645 - 234599 ई-मेल / E-mail : piuamaravati@nhai.org / nhaipiuamaravati@gmail.com

वेब / web : www.nhai.gov.in



NHAI/PIU-Amaravati/11013/13(Water)/2020/Vol.1/318.

15<sup>th</sup> February, 2024

To  
The 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

(Room TOW)  
16/02/24  
SE-VR



Sir,

Sub: NHAI, PIU - Amaravati - 6 laning of Chilakaluripet - Vijayawada section of NH-5 - Public Health Division, Guntur - Permission for laying of water supply pipe along the highway from Km. 425+810 to Km.426+390 RHS on Chilakaluripet - Vijayawada section of NH-16 in the state of Andhra Pradesh - Approval Requested - Reg.

Ref: 1. EE, PHD, Guntur letter no. 1168M/PH/GNT/AIIB/Pkg.II/2023 dated 26.12.2023  
2. PIU lr. no. NHAI/PIU-Amaravati/11013/13(OFC)/2020/Vol.1/2338 dt. 29.12.2023  
3. IE, M/s MSV-Sri Infotech lr. no. MSV\_Sri Infotech/103/KAZA/2024/NHAI/1231 dated 19.01.2024  
4. M/s VTPL lr. no. VTPL/CH-VJ/NH-5/NHAI/2024/3334 dated 10.02.2024

\*\*\*\*\*

It is to inform that Executive Engineer, Public Health Division, Guntur, vide reference 1<sup>st</sup> cited requested permission for laying of water supply pipe along the highway from Km. 425+810 to Km.426+390 RHS on Chilakaluripet - Vijayawada section of NH-16 in the state of Andhra Pradesh.

2. In this connection, PIU vide letter no. NHAI/PIU-Amaravati/11013/13(OFC)/2020/Vol.1/2338 dt. 29.12.2023 forwarded the proposal to IE, M/s MSV Intl. Inc. in association with M/s Sri Infotech, with a request to examine the proposal as per MoRTH guidelines and to furnish necessary comments/ recommendations for taking further action.

3. Accordingly, IE, MSV Intl. Inc. In association with M/s Sri Infotech vide letter no. MSV\_Sri Infotech/103/KAZA/2024/NHAI/1231 dated 19.01.2024 submitted as follows:

- The applicant has submitted Checklist, Drawings and other relevant documents as per NHAI guidelines.
- The applicant has submitted all relevant undertakings such as:

- a. Submission of Bank Guarantee for laying of pipeline along the Highway for a period of one year.
- b. Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.
- c. To renew bank guarantee as and when asked by MORTH/NHAI.
- d. To conform all standard conditions of Ministry Circular and NHAI's guidelines.
- e. Indemnity against all damages and claims.
- f. For Management of traffic movement during laying of Pipeline without hampering the traffic.
- g. If any claim is raised by the Concessionaire/Contractor then the same will be paid by applicant.
- h. Prior approval of NHAI shall be obtained before undertaking of any work of installation, shifting or repairs, or alterations of the water pipe lines located in the National Highway right of way.
- i. Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the pipe line will be borne by the agency owning the utility line.
- j. If the NHAI considers, if 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 NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 40 days) of the intimation given.
- k. Draft license Agreement regarding granting of Right of way permissions for laying utility services on National Highways.

III. As per the plan submitted, the applicant has proposed for laying of 400mm dia HDPE water pipeline from Km.425+810 to Km.426+390 RHS for a length of 580m along the service road within the utility corridor with Open Trench Method.

IV. Applicant submitted the typical cross sections for Open Trench along with methodology.

4. While submitting the above, IE recommended the proposal of Executive Engineer, Public Health Department, Guntur, requesting for approval of Competent Authority for laying water pipeline as requested by the applicant.

5. The request of the applicant has been examined and it is observed that the applicant has proposed to lay 400mm Dia HDPE water supply pipe line from Km.425+810 to Km.426+390 RHS on Chilakaluripet-Vijayawada section of NH-16 by Open Trench Method. Further, in the

strip plan submitted, the applicant has proposed Open Trenching method for crossing cross roads outside NH ROW.

In light of the above, the total length of pipeline laying in NH ROW works out to be 570m (580m - 10m (cross road crossing)).

6. The applicant has submitted calculation of license fee and Performance Bank Guarantee which for Rs. 56,371/- and Rs.1,45,000/- respectively. In view of reasons stated under para 5, the same works out as Rs.1,84,275/- and Rs.1,42,500/- respectively. Hence, the same may be considered.

7. Further, PIU vide reference 2<sup>nd</sup> cited requested Concessionaire, M/s VTPL to offer comments/objections, if any on the above proposal.

8. Accordingly, Concessionaire vide reference 4<sup>th</sup> cited submitted that concessionaire does not have any objection to the proposal with condition that the applicant should not damage the road while laying water supply pipeline.

9. The proposal of laying of water pipeline has been examined in this office along with the comments of IE and found to be in line with guidelines issued vide MoRTH Circular dated 22.11.2016.

In light of the above, the proposal along with the copies of all the above mentioned documents are herewith submitted with a request to communicate the approval of the Competent Authority for laying of water supply pipeline of 400 mm dia HDPE from Km.425+810 to Km.426+390 RHS for a length of 580m on Chilakaluripet - Vijayawada section of NH-16 in the state of Andhra Pradesh.

Yours faithfully,

Encl: As above

*T. Parvateesam* 15/2/2024  
(T PARVATEESAM)  
Project Director

### CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of Water Supply Pipeline and confirms that all the standard conditions are satisfied as per guidelines of Ministry Circular No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
2. It is certified that any other location for utility line would be extremely difficult and unreasonably costly and installation of utility line within RoW will neither adversely affect the design, stability & traffic safety of highway nor the likely future improvement such as widening of the carriageway, easing of curve, etc.
3. It will be ensured that supervision of the work of laying of utility and ensured that the defects in road portion after laying of utility 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.

*T. Parvateesam* 15/2/2024  
(T PARVATEESAM)  
Project Director  
NHAI, PIU-Amaravati(AP)



## ANNEXURE-1

Permission for laying of water supply pipe of 400mm dia HDPE along the highway from Km.425+810 to Km.426+390 RHS for a length of 580m on Chilakaluripet – Vijayawada section of NH-16 in the state of Andhra Pradesh

Sl.No.	Name of the Village	Chainage		Length Route Mtrs.	Width 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 Rs./Sq.Mtrs. (Rate per Acre/4046.86)	Amount Rs	Remarks
		From (Km)	To (Km)							
1	Mangalagiri(RHS)	426.390	425.810	570.000	0.4	228	3,87,20,000	9567.91	21,81,484.00	10m proposed outside NH ROW
							<b>Total Amount</b>		<b>21,81,484</b>	
License Fee for Public Utilities shall be equal to utilized NH Land Area x prevailing circle rate of land per unit area x 1.5% per annum										
License Fee for Public Utilities shall be equal to utilized NH Land Area x prevailing circle rate of land per unit area x 1.5% per annum, subject to minimum of Rs.10000										
	License Fee of 6% Annual Increment up to 5 Years First Year : 32722 Second Year : 32722X6%=1963 Third Year : 34685X6% =2081 Fourth Year : 36766X6% = 2206 Fifth Year : 38972X6%=2338			= 32722 = 32722+1963 = 34685 = 34685+2081 = 36766 = 36766+2206 = 38792 = 38792+2338 = 41310						
Total amount to be paid for License Fee for the period for 5 Years										
										<b>1,84,275</b>

Performance Bank Guarantee Amount calculation		
Amount of the Performance Bank Guarantee to be submit = Total No. of route meter x Rs. 250/- per route meter (>=300mm dia/width)		
i.e. 570 x Rs.250/- = 1,42,500/-		
Along the road	570 Mts	x 250 = 142500.00
		142500.00
Performance Bank Guarantee Amount = 1,42,500/-		

T. Parvatheswaram 15/12/2024  
Project Director  
NHAI, PIU- AMARAVATI

*J. H.*



**MSV INTERNATIONAL INC.**

In Association with

**SRI INFOTECH**



**MSV International Inc.**

C/o Jakka Shanmuka Rao  
Plot no:80, House No:6-220  
Aditya Township, NH-5 Road,  
Kaza Village, Mangalagiri (M)  
Guntur Dist: Andhra Pradesh-522503  
Email: msv.chilakaluripet@gmail.com  
CIN: F04214

Independent Engineer (IE) Services during Operation & Maintenance stage of Six laning of Chilakaluripet – Vijayawada Section of NH-5 (New NH-16) from Km.355.000 to Km.434.150 (length 82.5 Km) in the State of Andhra Pradesh executed as BOT (Toll) on DBFO Pattern under NHDP Phase-V

MSV\_Sri Infotech/103/KAZA/2024/NHAI/1231

To,  
The Project Director,  
National Highways Authority of India,  
Project Implementation Unit-Amaravati,  
Dr.No. 136/A,106 &107,  
Lakshmi Narasimha colony, Vasantha Residency,  
Managalagiri, Guntur District, A.P -522503.

NHAI, PIU-AMARAVATI-(AP)		
Dy.No.	532	
Date:	24-01-2024	
PD		
Mgr		Dy. Mgr.
PA		SE-1
SE-2		SE-3
SE-4		Acctt.
DLO		LAO

Dated: 19.01.2024

**Sub:** Independent Engineer Services during Operation & Maintenance period for 6-laning of Chilakaluripet-Vijayawada Section of NH-5 (New No. NH-16) from Km 355+000 to Km.434+150 (Length – 82.5 Km) in the State of Andhra Pradesh to be executed as BOT (Toll) On DBFO Pattern Under NHDP PHASE-V – Public Health Division, Guntur - Permission for laying of Water supply pipe along the highway from Km. 425+810 to Km. 426+390 RHS on Chilakaluripet - Vijayawada section of NH-16 in the State of Andhra Pradesh - Furnish Comments - Reg.,

**Ref:** 1. NHAI/PIU-Amaravati/11013/13(OFC)/2020/Vol.1/2338 dated 29.12.2023  
2. EE, PHD, Guntur letter no.1168M/PH/GNT/AIIB/Pkg.II/2023 dated 26.12.2023

Dear Sir,

With reference to the above subject, IE has inspected the site along with PH officials and the Concessionaire's representative as per Ministry guidelines vide F. No. RW-NH-33044/29/2015/S&R (R) dated 22.11.2016 and the observations are here under:

1. The applicant has submitted Checklist, Drawings and other relevant documents as per NHAI guide lines.
2. The applicant has submitted all the relevant Undertakings such as:
  - i)Submission of Performance Bank Guarantee for laying of pipeline along the Highway and a road crossing to NHAI for a period of one year.
  - ii)Not to damage to other Utility, if damaged then to pay the losses either to NHAI or to the concerned agency.
  - iii)Renewal of bank guarantee as and when asked by MORTH/NHAI.
  - iv)Confirming all standard conditions of Ministry Circulars and NHAI's guidelines.
  - v) Indemnity against all damages and claims.
  - vi)Traffic movement during laying of Pipeline to be managed by the applicant.

Cont...2...



vii) If any claim is raised by the Concessionaire/Contractor then the same will be paid by applicant.

viii) Prior approval of the NHAI shall be obtained before undertaking of any work of installation, shafting or repairs, or alterations of the water pipe lines located in the National Highway right of way.

xi) Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying maintenance of shifting of the pipe line will be borne by the agency owning the line.

x) If the NHAI considers, if 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 NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.

xi) Shifting of Pipe line as and when required by NHAI.

xii) Draft license Agreement regarding granting of Right of way permissions for laying utility services on National Highways.

3. As per the plan submitted, the applicant has proposed laying of 400mm dia HDPE water pipeline from Km. 425+810 to Km. 426+390 RHS for a length of 580m along Service Road within the utility Corridor with Open Trench Method.
4. Applicant submitted the Typical cross sections along with methodology for Open Trench Method.

In view of the above we found that the proposal submitted by Executive Engineer, PHD, Guntur is in order. Hence, Competent Authority may take a suitable decision to accord permission to lay 400mm dia HDPE water pipeline from Km. 425+810 to 426+390 RHS along the Service Road within Utility Corridor on Chilakaluripet – Vijayawada section of NH-16 as required by the applicant.

This is for your information and further necessary action, please.

Thanks & Regards,

**Yours Sincerely**

**For MSV International Inc., in association with Sri Infotech.**



**J V Subba Reddy**  
**Team Leader**

19.01.2024

**Copy to: Mr. Ravi Kiran - Chief Operation & Maintenance, VTPL, Kaza.**

Ref: VTPL/CH-VJ/NH-5/NHAI/2024/3334  
Date: 10<sup>th</sup> February 2024

**The Project Director,**  
National Highways Authority of India,  
Project Implementation Unit-Amaravati,  
D.No:136/A, 106 & 107,  
1<sup>st</sup> Floor, Vasantha Residency,  
Mangalagiri, Guntur Dist., AP.



**VIJAYAWADA  
TOLLWAY  
PRIVATE LIMITED**  
**Regd. Office:**  
H.No 3-71/NR, Plot No.71,  
Kavuri Hills-II, Madhapur,  
Hyderabad-500 033, INDIA  
Tel : +91 40 23556196  
Fax : +91 40 23114689  
CIN : U45203TG2008PTC058464

**Kind Attn: Shri. T Parvateesam**

**Six Laning of Chilakaluripet—Vijayawada Section of NH-46 (Old NH-5) from Km.355.000 to Km.434.150 in the State of Andhra Pradesh to be Executed as BOT (Toll) on DBFO Pattern under NHDP Phase V.**

Ref: i) IE letter no. MSV\_Sri Infotech/103/KAZA/2024/NHAI/1231 dated 19.01.2024  
ii) NHAI letter no. NHAI/PIU-Amaravati/11013/13(OFC)/2020/Vol.1/2338 dated 29.12.2023

**Sub: Public Health Division, Guntur- Permission for laying of water supply pipe along the highway from Km. 425+810 to Km. 426+390 RHS on Chilakaluripet – Vijayawada section of NH-16 in the state of Andhra Pradesh - Furnish Comments - reg**

Dear Sir,

The Independent Engineer's office has submitted the observations through vide reference cited in (i), accordingly the Competent Authority may take a suitable decision to accord permission for laying of water supply pipe along the highway from Km. 425+810 to Km. 426+390 RHS as requested by the applicant through reference (ii) above.

In this regard, the Concessionaire does not have any objection with the condition that the applicant should not damage our road while laying the water supply pipe along the highway in the aforesaid location.

This is submitted for your kind information.

Thank you.

Yours faithfully,  
For Vijayawada Tollway Private Limited,

*R K Kiran*

**Ravi Kiran. P**  
Chief Operation and Maintenance

Cc: Team Leader, M/s MSV International Inc. in association with Sri Infotech, Kaza.

Encl: As above.

## CHECK - LIST - NH-16

Guidelines for project Directors for processing the proposal for laying of water pipe line in the land along Ministry of Road Transport Highways (MORTH)

Relevant Circulars of Ministry of Road Transport Highways

Circular No. NH-III/P/66/76 Dated 18/19.11.1976

Circular No. RW/NH-IIIP/66/76 Dated 11.05.1982

Circular No. RW/NH-11037/1/86/DOI(ii) Dated 28.07.1993

Circular No. RW/NH-11037/1/86/DOI Dated 19.01.1995

Circular No. RW/NH-34066/2/95/S&R Dated 25.10.1999

Circular No. RW/NH-34066/7/2003/S&R(B) Dated 17.09.2003

### Check list for getting approval for laying of water pipe line on NH-16

Name of work :- Proposal for laying of 400mm dia HDPE water pipeline from Km. 425+810 to 426+390 along the service Road (R.H.S) 580 meters at Mangalagiri, Guntur District in the state of Andhra Pradesh of NH16 land. Vijayada-Chilakaluripeta section of NH-16 by the Executive Engineer, PH Division, Guntur,

Sr.No	Item	Description
1	National Highway No	NH-16
2	State	Andhra Pradesh
3	Location	Mangalagiri of Guntur District
4	Chainage in Km	water pipeline from Km. 425+810 to 426+390-along-the-service Road (R.H.S)
5	Side of NH	RHS from Km. 425+810 to 426+390
6	Name of Highway Authority	The Project Director, National Highway Authority of India,
7	Address of Highway Administration	The Project Director, National Highway Authority of India, D.No.136/A, 106&107 1 <sup>st</sup> Floor, Vasantha Residency, Srilakshmi Narayana Colony, Mangalagiri, GUNTUR 522053.
8	Name of the Company	Sri. M.Syam Sunder, Executive Engineer, PH Division, Guntur.

The Permission for laying of water pipe line shall be considered for approval / rejection based on the Ministry Circulars mentioned as above.

- (a) Carrying of sewage/water pipe lines on Highway Bridges shall not be permitted as Fumes/Waters pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water.
- (b) Services are not being allowed indiscriminately on the parapet/any part of the bridges, safety of the bridges has to be kept in view while permitting various services along bridge.

Executive Engineer  
PH Division Guntur

26/12/23

TR

Sl.No.	Item	Information/Status	Remarks
1	General Information		
1.1	Name and address of the Application/Agency	Sri. M Syam Sunder, Executive Engineer, Public Health Division, Guntur	
1.2	National Highway Number	16	
1.3	State	Andhra Pradesh	
1.4	Location	Mangalagiri, Guntur District	
1.5	(Chainage in km)	From Km. 425+810 to 426+390 (RHS)	
1.6	Length in Meters	580 M	
1.7	Width of available Row		
	(a) Left side from center line towards increasing chainage/km direction	50 mts	
	(b) Right side from center line towards increasing chainage/km direction	50 mts	
1.8	Proposal to lay underground water Pipe Line		
	(a) Left side from center	Nil	
	(b) Right side from center line	From the edge of carriageway of Service road by <u>open trench</u> method	
1.10	Whether proposal is in the same side where land is not to be acquired	-NA-	
	If not then where to lay the Pipe line	--	
1.11	Details of already laid services, if any along the proposed route	-NA-	
1.12	Number of lanes (2/4/6/8 lanes) existing	6 lane	
1.13	Proposed Number of lanes ( 2 lane with paved shoulders/4/6/8 lanes)	-NA-	
1.14	Service road existing or not	Yes	
	If yes then which side	-NA-	
	(a) Left side from center line	-NA-	
	(b) Right side from center line	Along the NH	
1.15	Proposed service road	-NA-	

Executive Engineer  
PH Division Guntur

TR

1.15	Proposed service road	-NA-	
	(a) Left side from center line	--	
	(b) Right side from center line	--	
1.16	Whether proposal to lay Water Supply Pipe Line is after the service road or between the service road and main carriageway	Yes	
1.17	<p>The permission for laying of Water Supply Pipe line shall be considered for approval/rejection based on the Ministry Circulars mentioned as above</p> <p>(a) Carrying of sewage/water supply pipelines on highway bridges shall not be permitted as fumes/gases pipes can accelerate the process of corrosion or may cause explosions, thus being much more injurious than leakage of water.</p> <p>(b) Carrying of gas/ water pipe lines on bridges shall also be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalised, they may be permitted to carry the pipeline on Independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free space around the superstructure of the bridge remains available for inspection and repairs etc</p> <p>(c) Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities</p> <p>(d) Services are not being allowed indiscriminately on the parapet/any part of the bridges, safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only.</p>	Not applicable	
1.18	<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>	No	
	(a) Existing drainage structures shall not be allowed to carry the lines	No	

	(b) Is it on a line normal to NH	No	
	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures	Not applicable	
	(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	-NA-	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path	-NA-	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills	-NA-	
	(g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts	-NA-	
	(h) Crossing shall be by boring method (HDD) 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 throughout its length and in such a manner as to prevent the formation of a water way along it	-NA-	
2	Document/Drawings enclosed with the proposal		
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2 m deep X 0.3 m wide)		
	(i) Shoulder not be greater than 60 cm wider than the outer diameter of the pipe	--	
	(ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-lines of the nearest carriage way	--	
	(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	--	



	(iv) These should be so laid tnat their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land		
2.2	Cross section showing the size of pit and location of cable for HDD method	Not applicable	
2.3	Strip plan/Route Plan showing water Supply pipe line, Chainage width of ROW, distance of proposed cable from the edge of ROW important mile stone, intersections, cross drainage works etc	Enclosed	
2.4	Methodology for laying of showing water Supply pipe line	Furnished	
2.4.1	Open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench	applicable	
	(a) The trench width should be atleast 30 cm, but not more than 60 cm wider than the outer diameter of the pipe	-- Yes	
	(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 edges should be excavated and replaced by selected material	Yes --	
	(c) The back fill 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 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted	Yes	
	(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 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 owning the utility line	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method	Not applicable	
2.4.3	Laying of Water Supply pipe line through CD works and method of laying	Not applicable	

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	(a) On approaches, the gas mains/cables shall be carried along a line as close to the edge of the right-of-way as possible upto a distance of 30 m from the bridge and subject to all other stipulations contained in this Ministry's guidelines issued with letter No.NH-HI/P/66/76 dated.19.11.1976		
3	Draft license agreement signed by two witness	Enclosed	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs.50/- per running meter (parallel to NH) and Rs.1,00,000/- per crossing of NH for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50 m away from the edge of the right of way. No payment shall be payable by the NHAI to the license for clearing debris/loose earth	BG shall be submitted after approval is accorded by NHAI	
4.1	Performance BG as per above is to be obtained	Complied	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Complied	
5	Affidavit/undertaking from the applicant for		
5.1	Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed	
5.2	Renewal of Bank Guarantee	Enclosed	
5.3	Confirming all standard condition of NHAI's guidelines	Enclosed	
5.4	Shifting of water supply pipe line as and when required by NHAI at their own cost	Enclosed	
5.5	Shifting due to 6-laning/widening of NH	Enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Enclosed	
5.7	Traffic movement during laying of water supply pipe line to be managed by the applicant	Enclosed	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant	Enclosed	

5.9	Prior approval of NHAI shall be before undertaking any work of installation shifting or repairs or alternations to the showing water supply pipe line located in the National Highway right-of-ways	Enclosed	
5.10	Expenditure if any incurred by NHAI for repairing any damage caused to he National Highway by the laying maintenance or shifting of the water supply pipe line will be borne by the agency owning the line	Enclosed	
5.11	If NHAI consiers 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 owining the utility line within a reasonable time (not exceeding 60 days) of the intimation given	Enclosed	
5.12	Certificate from the applicant in the following format		
	(i) Laying of water supply pipe line will not have any deletrious effects on any of he bridge components and roadway safely for traffic	Enclosed	
	(ii) for 6 laing "we do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will bestipulated by NHAI"for future six-laning or any other development	Enclosed	
6	Who will sign the agreement on behalf of Water Supply pipe line agency	Sri. M.Syam Sunder Executive Engineer, Public Health Division, Guntur	
7	Certificate from the Project Director		
7.1	Certified for confirming of all standard condition issued vide Ministry Circular No.NH-41(58)/68 dated.31.01.1969, Ministry Circular No.NH-III/P/66/76 dated.18/19.11.1976, Ministry Circular No.RW/NH-III/P/66/78 dated.11.05.1982, Ministry Circular No.RW/NH-11037-1/86-DOI (ii) dated 28.7.1993, Ministry Circular No.RW/NH-11037/1/86/DOI dated.19.1.1995, Ministry Circular No.RW/NH-34066/2/95/S&R dated 25.10.1999 and Ministry Circular No.RW/NH-34066/7/2003 S&R (B) dated 17.09.2003	Enclosed	
7.2	Certificate from PD in the following format	Enclosed	

Executive Engineer  
PH Division Guntur ,

	<p>(i) It is certified that any other location of the water supply pipe line would be extremely difficult and unreasonable costly and the installation of water supply pipe line within ROW will not adversely effect the design, stability &amp; traffice safely of the highway nor the likely future improvement such as widening of the carriageway easing of curve etc</p> <p>(ii) for 6-lanning</p> <p>(a) Where feasibility is available "I do certify that there will be no hidrance to the proposed six-laning based on the feasibility report considering proposed structure 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 accommodating proposed six-lening"</p>		
8	<p>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 license has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for upgradation of [Chilakaluripet-Vijayawada section from Km 425+810 to Km 426 + 390 of NH No.5 RHS Side on build operate and transfer basis] and therefore the license shall honor the same</p>	Inserted	
9	<p>Who will supervise the work of laying of water supply pipe line</p>	<p>Sri. M.Syam Sunder Executive Engineer, Public Health Division, Guntur, Andhra Pradesh &amp; IE for 6 lane project on behalf of NHAI</p>	
10	<p>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</p>	<p>Sri. M.Syam Sunder Executive Engineer, Public Health Division, Guntur, Andhra Pradesh</p>	
11	<p>Who will pay the claims for damagees done/disruption in working of concessionaire if asked by the concessionaire?</p>	<p>Sri. M.Syam Sunder Executive Engineer, Public Health Division, Guntur, Andhra Pradesh</p>	
12	<p>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)</p>	Yes	
13	<p>If any previous approval is accorded for laying of underground water supply pipe line then photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed</p>	Not applicable	


  
 Executive Engineer  
 PH Division Guntur



It is certified that the construction of the public/industrial utility has not been commenced. Further, we bear full responsibility for geniuses of the site particulars mentioned above and for adherence to the stipulated norms.

  
[Name, Designation and Signature of  
the authorized Signature of the  
Concerned applicant)  
Executive Engineer  
PH Division, S. 10/11

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

  
[Name Designation and Signature of  
the concerned field authority of  
MORTH/NHAI/PWD)

Project Director  
NHAI, PIU, AMARAVATI.