



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८. आंध्र प्रदेश

Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

टेली / Tele : 0866-2483910

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nhairovja@gmail.com



भारतमाला  
प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

Lr.No. NHAI/RO-VJA/12014/NOC/2016/2060

Dt.30.08.2018

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

Sub: RO - Vijayawada - Permission for laying of drinking water pipelines from Km 798.800 to Km 799.998 (LHS) for a length of 1198 m along NH-16 in the State of Andhra Pradesh - Public comments - Reg.

Sir,

Please find enclosed herewith a proposal of Executive Engineer, RWS&S Division, Visakhapatnam seeking NOC for laying of drinking water pipelines from Km 798.800 to Km 799.998 (LHS) for a length of 1198 m along NH-16 in the State of Andhra Pradesh.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22<sup>nd</sup> November 2016, the application along with the recommendation of PD, PIU-Rajahmahendravaram 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,

(Anil Dixit),  
Regional Officer

Copy to: 1) PD, PIU - Rajahmahendravaram - for information  
2) M/s. Executive Engineer, RWS&S Division, Visakhapatnam - for information



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८. आंध्र प्रदेश

Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

Lr.No. NHA/RO-VJA/12014/NOC/2016/2061

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प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

Dt.30.08.2018

### INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for laying of drinking water pipelines from Km 798.800 to Km 799.998 (LHS) for a length of 1198 m along NH-16 in the State of Andhra Pradesh - Public comments - Reg.

The Project Director, PIU - Rajahmahendravaram submitted a proposal of Executive Engineer, RWS&S Division, Visakhapatnam for laying of drinking water pipelines from Km 798.800 to Km 799.998 (LHS) for a length of 1198 m along NH-16 in the State of Andhra Pradesh.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&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 are invited on below mentioned address.

Regional Officer - Vijayawada,  
National Highways Authority of India,  
Plot No.21, Teachers' Colony, Gurunanak Nagar Road,  
Vijayawada, Andhra Pradesh. Pin: 520 008.  
Email: [rovijayawada@nhai.org](mailto:rovijayawada@nhai.org)

*Anil Dixit*  
30.8.18

(Anil Dixit),  
Regional Officer



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई - PROJECT IMPLEMENTATION UNIT

डोर नं. 78-14-21, श्यामला नगर, राजमहेन्द्रवaram - 533 103. आं.प्र.

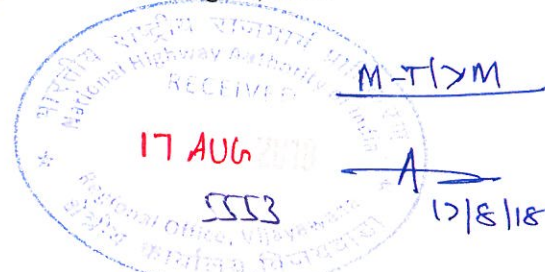
Door No. : 78-14-21, Shyamala Nagar, RAJAMAHENDRAVARAM - 533 103, A.P.

No: NHA/PIU-RJY/RWS-WSP/1198m/2018/ 22/03

06<sup>th</sup> August, 2018

To:

✓ The Regional Officer,  
National Highways Authority of India,  
Regional Office, 21, Teachers' Colony,  
Gurunanak Nagar Road,  
Vijayawada-520 008.



Sub: NHA, PIU, Rajamahendravaram - RWS & S Division, Visakhapatnam - Providing CPWS Scheme to Payakaraopeta, Nakkapalli and S. Rayavaram Mandals (Phase - IV) in Visakhapatnam District - Permission required to lay the drinking water pipelines at certain stretches along LHS of National Highway from Km. 798.800 to Km. 799.998 for a length of 1198 meters - Submission of proposal for approval - Reg.

Ref: Executive Engineer, RWS & S Division, Visakhapatnam letter Rc. No. 29/2018-19/SO2/MVS - Permissions Dt. 07.06.2018.

Sir,

1. This is to inform that the Executive Engineer, RWS&S Division, Visakhapatnam vide reference 1<sup>st</sup> cited has submitted a proposal for laying of the drinking water pipelines at certain stretches along LHS of National Highway from Km. 798.800 to Km. 799.998 for a length of 1198 meters as per the MORT&H Circular / Guidelines Dt. 22.11.2016 and also as per the Revised Check List issued by MORT&H, Vijayawada Dt. 13.04.2017.
2. The above proposal has been verified and all the points are as per the MORT&H revised Circular / Guidelines Dt. 22.11.2016, which including the comprehensive guidelines and draft license agreement along with Licence Fee for laying of OFC cable in the land along National Highways vested with NHA.
3. The drawings furnished by the Agency are herewith submitted along with the following:
 

(1) Proposal along with enclosures	(2) Check List
(3) License Deed.	(4) Undertakings
(5) Certificate	(6) Methodology
(7) Diagrams	
4. As per the above Revised Circular Guidelines, the Agency has agreed to submit Performance Bank Guarantee and also submitted an undertaking duly stating that they will submit Performance Bank Guarantee as demanded by NHA.

5. The Report submitted by the Team Leader after inspection of the proposal is herewith enclosed.
6. The Concessionaire, M/s. GMR Tuni - Anaikapalli Expressways Ltd., has furnished their consent to carry out the subject work subject to following terms and conditions.
- (i) While carrying out the work, no damage shall happen to any of the asset (including avenue plantation) in the project.
  - (ii) While carrying out the work, If any damage happen to any of the asset, it shall be restored to its original position at the cost of RWS&S division, Visakhapatnam and to the complete satisfaction of NHAI, IE & Concessionaire.
  - (iii) At any cost none of the avenue plantation shall be damaged or felled to carry out excavation & laying of water pipe line work.
  - (iv) Before commencement of work, a detailed work program and methodology shall be submitted to the NHAI, IE & concessionaire.
  - (v) All excavation works shall be carried out manually and no machinery shall be used for excavation. During laying of pipe line, no equipment is allowed to enter avenue plantation area without prior permission from NHAI/IE/Concessionaire.
  - (vi) All required safety measures shall be taken for the safe movement of traffic.
  - (vii) An undertaking letter & in force Bank Guarantee shall be submitted by RWS&S division, Visakhapatnam to NHAI that all the works shall be completed as per the agreed terms and the Bank Guarantee shall be returned after satisfactory completion of works.
  - (viii) This NOC is valid to work on LHS ROW from Km 798+800 to Km 799+998 only. Any changes in the location shall be brought to the notice of NHAI, IE & Concessionaire.
- 7 In view of the above, the proposal submitted by the Executive Engineer, RWS&S Division, Visakhapatnam is herewith forwarded for favourable consideration and according necessary approval, duly considering the terms and conditions, as mentioned in the Concessionaire letter.

Thanking you,

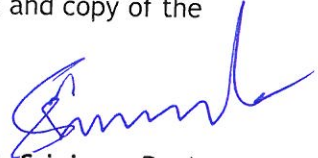
Yours faithfully,

  
(A. Srinivasa Rao)  
Project Director

Encl: 2 files (1 Original +1 Duplicate)

## CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of the drinking water pipelines at certain stretches along LHS of National Highway from Km. 798.800 to Km. 799.998 for a length of 1198 meters and confirm that all the standard conditions issued vide Ministry Circular No. RW/NH-33044/29/2015/S&(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 carriageway 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 lying of utility are corrected.
4. I will notify / forfeit the BG for claims for damages done / disruption in working, if any.
5. I will ensure that proposed permission is entered in the Register of Records.
6. The record of previous approval, if any has been considered and copy of the same is enclosed with the proposal.

  
(A. Srinivasa Rao)  
Project Director  
NHAI, PIU, Rajamahendravaram



# **LICENSE FEE ESTIMATE**

Name of work:		Towards license fee to lay the drinking water pipelines at certain stretches along LHS of National Highway from Km. 798.800 to Km. 799.998 for a length of 1198 meters by the Executive Engineer, RWS&S Division, Visakhapatnam.									
Estimate - A											
License Fee Charges											
S.No	Description	No	Measurements			Quantity	Rate		Per	Amount	
			L	B	D	Sqm	per sq.m				
1	2	3	4	5	6	7	8		9	10	
Name of the work : Towards license fee to lay the drinking water pipelines at certain stretches along LHS of National Highway from Km. 798.800 to Km. 799.998 for a length of 1198 meters by the Executive Engineer, RWS&S Division, Visakhapatnam.											
1	Km. 798.800 to 799.998	1	1198.000	0.60	-	718.8	227.337		Sqm	163410	
License Fee (Rs/sqm/month) = $\frac{163410}{10 \times 12}$											
License fee for 5 years= 5 X 12 X 1362											
						TOTAL					
The License fee for public utilities shall be 33% of the fee prescribed for industrial utilities as point No.5 of MORTH guidelines vide letter Letter No. RW/NH/-33044/29/2015/SR dated 22nd NOV,2016											
										26968	

*Signature*

Project Director

NHAI, Rajamahendravaram

*Signature*

# CHECKLIST

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

S.No	Item	Information/Status	Remarks
1	General Information		
p	Name and address of the Applicant/Agency	The Executive Engineer, RWS & S Division, Visakhapatnam.	
1.2	National Highway Number	NH-16	
1.3	State	Andhra Pradesh	
1.4	Location	Uddandapuram	
1.5	(Chainage in km)	Along Km -798/8 Km- 799/998 KM across National Highway No.16	
1.6	Length in Meters	1198.00 Meters	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	Detail line diagram enclosed	
	(b) Right side from center line towards increasing chainage/km direction	Detail line diagram enclosed	
1.8	Proposal to lay the utility		
	(a) Left side from center line towards increasing chainage/km direction	Yes	
	(b) Right side from center line towards increasing chainage/km direction	No	
1.9	Proposal to acquire land		
	(a) left side from center line	No	
	(b) Right side from center line	No	
1.10	Whether proposal is in the same side where land is not to be acquired	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 Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders 4/6/8 Lanes)	NA	
1.14	Service road existing or not	NA	
	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed service road	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 carriageway	NA	
1.17	Whether carrying of sewage/gas pipeline has been proposed on highway Bridges	NA	
	If yes, then mention the methodology proposed for the same	NA	

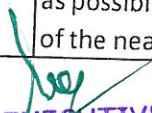
EXECUTIVE ENGINEER

RWS & S DIVISION

VISAKHAPATNAM

*Signature*  
PD/PIO/PSJ

1.18	Whether carrying of sewage/gas pipeline has been proposed on highway Bridges	NA	
	If yes, then mention the methodology proposed for the same	NA	
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 expenses of the agency owning the line	No	
	(a) Whether existing drainage structures are allowed to carry utility pipe line	No	
	(b) Is it on a line normal to NH	No	
	(c) What is the distance of crossing the utility pipelines from the existing structures	NA	
	(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 withdrawal of the carried pipe/cable . Mention the proposed details	NA	
	(e) Ends of the casing/conduit pipe should be at least 1.2 meter below the drain inverts mention the proposed details	NA	
	(f) The casing/conduit pipe should as minimum extend from drain to drain in cuts and 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 0.3m below the drain inverts. Mention the proposed details	Yes	
	(h) Mention the methodology proposed for crossing of road for the proposed sewage/gas pipe line crossing shall be by boring method (HDD) ( Trench less 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 throughout its length and in such a manner as to prevent the formation of a waterway along it	NA	
2	Document / Drawings to be enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method	Enclosed	
	(It is normal size of 1.2m deep X 0.3m wide)		
	(i) Should not be greater than 60cm 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 15mts from the centre lines of the nearest carriage way		

  
 EXECUTIVE ENGINEER  
 AWS & S DIVISION  
 VISAKHAPATNAM  
 5/6/18

  
 Engineer

	(iii) Shall not be permitted to run along the National Highway when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges	Enclosed	
	(iv) These should be so laid that their top is at least 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	NA	
2.3	Strip plan/Route Plan showing the utility / Gas pipe line chainage width of ROW distance of proposed pipe line from edge of ROW important mile stone intersections cross drainage works etc	Enclosed	
2.4	Methodology for laying of the utility pipe line	Enclosed	
2.4.1	Open trenching method ( may be allowed in utility eorridor only where pavement is neither cement concrete nor dense bituminous concrete type line. If yes what is the Methodology of refilling of trench		
	(a) The trench width should be at least 30cm more than 60cm wider than the ourter dialmeter of the pipe	Enclosed	
	(b) For filling of the trench Bedding shall be to a depth of not less than 30cm. It shall consist of granular material free of lumps clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be exvavated and replaed 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 15cm layers eac consolidatedby mechanial tampering and controlled addition of moisture to 95% of the proctor's desity overfill shall be compalcted to the same density as the material that had been removed. Consolidation by saturation of ponding will not be permitted.	Yes	
	(e) The road crust shall be built to the same strength as the exiting crust on either side of the trench care shall be taken to avoid the formaton of a dip at the trench.	Yes	
	open trenching method ( may be allowed in utility eorridor only where pavement is neither cement concrete nor dense bituminous concrete type line. If yes what is the Methodology of refilling of trench	Yes	
	(G) If required a diersion shall construted at the expense of agency owning the utulity line		
2.4.2	Hoeizontal Directional Drilling (HDD) Method	No	

EXECUTIVE ENGINEER  
RWS & S DIVISION  
7/10/20

*Grimm*

2.4.3	Methodology for laying of the pipe line through CD works and method of laying n cases where the carrying of gas pipe line on the bridge becomes inescapable	NA	
3	Draft License Agreement is signed by two witness.	Enclosed	
3.1	The liecense fee estimaten as per Ministry's guidelines issued vide circular no.RW/NH-33044/29/2015/S&R(R) Dated 22.11.2016	Enclosed	
4	Whether Performance Bank Guarantee as per Ministry's Circular no.RW/NH-33044/29/2015/S&R(R) Dated 22.11.2016	Yes	
4.1	Confirmation of BG has been obtained or not as per MORTH/NHAI guidelines	Yes	
5	Affidavit/Undertaking from the Application for the following is to be furnished	Yes	
5.1	Undertakingfor not to Damage any other utility.if damaged then to pay the losses either to NHAI or to the concerned agency.	Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MORTH/NHAI.	Enclosed	
5.3	Undertaking for Confirmation all Standard conditions of Ministry's Circular and NHAI'S Guidelines.	Enclosed	
5.4	Undertaking for Indemnity against all damages and claims.	Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Enclosed	
5.6	Undertaking that if any claim is raised by the Concessionaire/contractor then the same has to be paid by applicant	Enclosed	
5.7	Undertaking thay prior approval of the NHAI shall be obtained before undertaking any work of installatiom, shifting or rapairs. Or alterations to the utility located in the National Highway right-of-way	Enclosed	
5.8	Undertaking that expenditure. If any incurred by NHAI for repairing any damage caused to the National Highway by the laying. Maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	Enclosed	
5.9	Undertakng that text of the text of the license deed is as per verbatim of MORTH format (issued vide Ministry's Circular no.RW/NH-33044292015/S&R(R) dated 22.11.2016)	Enclosed	

EXECUTIVE ENGINEER  
RWS & S DIVISION  
MYSURU

7/6/16

*Grinivas*

5.10	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as Directorate of Electricity. Chief Controller of Explosives. Petroleum and Explosive safety Organization. Oil Industry Safety Directorate. State/ Central Pollution Control Board and any other statutory clearances applicable. before applying to Highway Administration	Enclosed	
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.	Enclosed	
5.12	Certificate from the applicant in the following format (1) Laying of water Pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (2) 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 "FOE Future six-lining or any other development."	enclosed	
6	Who will sign the agreement on behalf of water pipe line agency	The Executive Engineer, RWS & S Division, Visakhapatnam.	
	Power of attorney to sign the agreement is available or not		
7	The Project Director. Will submit the following Certificates.		
7.1	Certificate that the proposal is conforming to all standard conditions issued vide Ministry's Circular No: RW/NH-33044/29/2015/S&(R) dated 22.11.2016	Yes	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the water pipe line would be extremely difficult and unreasonable costly and the installation of Water pipe line within ROW will not adversely affect the design. stability & Traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc" (ii) for 6-lining (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lining based on the feasibility report considering proposed structures at the said location" (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-lining"	Yes	

EXECUTIVE ENGINEER  
RWS & S DIVISION  
VISAKHAPATNAM  
20/11/18

*G. Nivaranth*

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 license has been granted the right to lay water Pipeline/duct has also been granted as a right of way to the 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 license shall honour the same"		
9	Who will supervise the work of laying of water pipe line	DEE/AEE/RWS&S/Visakhapatnam	
	(a) On behalf of the Applicant		
	(b) On behalf of MORTH/NHAI	NHAI / Authorized representative of NHAI	
10	Who will ensure that the defects in road portion after laying of water pipe line are corrected then what action will be taken.	NHAI / Authorized representative of NHAI	
	(a) On behalf of the Applicant		
	(b) on behalf of NHAI	EE,RWS&S,Visakhapatnam PD Consultant	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	The Executive Engineer, RWS & S Division, Visakhapatnam.	
	On behalf of the Applicant		
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/0	Yes	
13	If any previous approved is accorded for laying of underground Gas pipe line then Photocopy of rigister of records of permissions accorded (as maintained by PD )be enclosed.	No	

[Name Designation and signature of the authorized representative of applicant]

**EXECUTIVE ENGINEER**  
**RWS & S DIVISION**  
**VISAKHAPATNAM**

*[Signature]*  
7/6/18

[Name Designation and signature of the concerned field authority of NHAI /PWD/BRO]

*[Signature]*  
PP/PIO/RG