

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. NHAI/RO-VJA/12014/NOC/2016/ 1929

Dt.28.08.2019

फैक्स / Fax

भारतमाला प्रगति के पथ पर अग्रसर BHARATMALA

nhairovja@gmail.com

: 0866-2483910

: 0866-2474496

ई-मेल / E-mail : rovijayawada@nhai.org

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

Sub: RO - Vijayawada - Permission for laying of Carbon Steel Pipelines for service of natural gas along NH-16 from Km 988.500 to Km 990.270 for a length of 1770 meters in Tadepalligudem, West Godavari District in Andhra Pradesh - Public comments - Reg.

Sir,

Please find enclosed herewith a proposal of M/s. Godavari Gas Private Ltd (GGPL) seeking NOC for laying of Carbon Steel Pipelines for service of natural gas along NH-16 from Km 988.500 to Km 990.270 for a length of 1770 meters in Tadepalligudem, West Godavari District in 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.

Yours faithfully,

Encl: As above

(Anil Dixit), 28.8,01

Regional Officer

Copy to:

1) PD, PIU - Rajahmahendravaram - for information

2) M/s. Godavari Gas Private Limited, D.No.85-6-23/2, 2<sup>nd</sup> Floor, RTC Complex Road, Near Morampudi Junction, Rajahmundry - 533107 - for information

कारपोरेट कार्यालय : जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075. वेबसाइट : http://www.nhai.org Corporate Office : G-5 & 6, Sector -10, Dwaraka, New Delhi - 110 075 Website : http://www.nhai.org



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways) कार्यालय क्षेत्रीय अधिकारी, आंध्रप्रदेश 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. NHAI/RO-VJA/12014/NOC/2016/1930

Dt. 28.08.2019

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### INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for laying of Carbon Steel Pipelines for service of natural gas along NH-16 from Km 988.500 to Km 990.270 for a length of 1770 meters in Tadepalligudem, West Godavari District in Andhra Pradesh - Public comments - Reg.

The Project Director, PIU - Rajahmahendravaram submitted a proposal of M/s. Godavari Gas Private Ltd (GGPL) for laying of Carbon Steel Pipelines for service of natural gas along NH-16 from Km 988.500 to Km 990.270 for a length of 1770 meters in Tadepalligudem, West Godavari District in 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

> (Anil Dixit), Regional Officer

कारपोरेट कार्यालय : जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075. वेबसाइट : http://www.nhai.org Corporate Office : G-5 & 6, Sector -10, Dwaraka, New Delhi - 110 075 Website : http://www.nhai.org



## भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन डकार्ड - PROJECT IMPLEMENTATION UNIT डोर नं. 78-14-21, श्यामला नगर, राजमहेन्द्रवरम - 533 103. आं.प्र.

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



द्रभाष / Phone: 0883 - 2431170

0883 - 2437832

ई-मेइल /e-mail : raj@nhai.org piurajahmundry@gmail.com

No: NHAI/PIU-RJY/Permission/GGPL/2018-19/ 2390

08<sup>th</sup> July, 2019

To:

The Regional Officer, National Highways Authority of India, Regional Officer, 21, Teacher's Colony, Gurunanak Nagar Road, VIJAYAWADA - 520 008

DGM-(T)/TSK

Sub: NHAI, PIU, Rajamahendravaram - Permission for Laying Carbon Steel Pipelines for Service of Natural Gas along NH-16 from Km. 988.500 to Km. 990.270 for a length of 1770 meters in Tadepalligudem, West Godavari Distinct in Andhra Pradesh -Submission of Proposal for approval - Reg.

Ref: GGPL/TPG/CSPL/PERMISSION/NHAI/2019/1 Letter No. Dt. 12.03.2019 of M/s. Godavari Gas Pvt., Ltd., Rajamahendravaram.

Sir,

This is to inform that the Dy. General Manager, M/s. Godavari Gas Pvt., Ltd., Rajamahendravaram vide reference cited submitted a proposal for Laying Carbon Steel Pipelines for Service of Natural Gas along NH-16 from Km. 988.500 to Km. 990.270 for a length of 1770 meters in Tadepalligudem, West Godavari Distinct in Andhra Pradesh and requested for permission.

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 licence agreement along with Licence Fee for laying of Carbon Steel Pipeline for service of Natural Gas in the land along with National Highways vested with NHAI.

The documents furnished by the Agency are herewith submitted, which includes the following:

(1) Proposal along with enclosures

(2)Check List

(3)License Deed. (5)Methodology

(4)Undertaking

Key Plan & Pipeline Route Map (7)

(6)Diagrams

As per the above Revised Circular Guidelines, the Agency has agreed to submit the Performance Bank Guarantee and also submitted Certificate duly stating that they will relocate service road / approach road / utilities at their own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for further six laning or any other development.

The report submitted by the Team Leaders of the respective stretch after inspection of the proposal is herewith enclosed.

In view of the above, the proposal submitted by the Dy. General Manager, M/s. Godavari Gas Pvt., Ltd., Rajamahendravaram is herewith recommended for favourable consideration and according necessary approval.

Thanking you,

Encl: 2 files (1 + 1)

Yours faithfully

(A. Srinivasa Rao) Project Director

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#### CERTIFICATE

- Undersigned has examined the proposal of the applicant of M/s. GGPL, Rajamahendravaram "for Laying Carbon Steel Pipelines for Service of Natural Gas along NH-16 from Km. 988.500 to Km. 990.270 for a length of 1770 meters in Tadepalligudem, West Godavari Distinct in Andhra Pradesh" 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, Rajahmundry

for

#### SPECIFICATION REPORT

Specification report to accompaying the estimate towards "License fee" for Laying Carbon Steel Pipelines for Service of Natural Gas along NH-16 from Km. 988.500 to Km. 990.270 for a length of 1770 meters in Tadepalligudem, West Godavari Distinct in Andhra Pradesh by M/s Godavari Gas Pvt., Ltd.

Estimate Amount: Rs. 227324.00

The Dy. General Manager, M/s. GGPL, Rajamahendravaram vide his letter No. GGPL/TPG/GSPL/PERMISSION/NHAI/2019/1 Dt. 12.03.2019 have requested to issue permission for Laying Carbon Steel Pipelines for Service of Natural Gas along NH-16 from Km. 988.500 to Km. 990.270 for a length of 1770 meters in Tadepalligudem, West Godavari Distinct in Andhra Pradesh

The rate of land abutting NH/SH/ZPP/MPP and Survey Numbers of NH16 passing through that village obtained from the website of Registration & Stamps Department, Government of Andhra Pradesh is used for calculation of the license fee. The list of Villages falling in the proposed stretch of road, corresponding chainages and breakup of Village wise land rates are as follows:

SI.	Name of the Village	Chair	nage		Rate of Land	Abutting NH
No.		from	to	Length	per Acre	per Sq.m
1	Tadepalliguedem	990.270	988.500	1.770	1,57,50,000	3891.91

The land rate corresponding to the chainage is used for calculation of License fee.

Hence the license fee etimate is prepared as per MoRTH Circular memo No.RW/NH / 33044/29/2015/S&R (R), dated:22.11.2016.

Project Director NHAI, Rajamahendravaram

### **CHECK LIST**

## (Kolkata - Chennai Section of NH-16)

Guidelines for processing the proposal for laying Utility/Gas Line in the land along National Highway vested with NHAI/PWD/BRO

S. No.	Item	Information/status Crossing - 1	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	M/s Godavari Gas Private Limited, 85-6-23/2, Morampudi Junction, RTC complex road, Rajahmundry	G. Ankaiah, Dy.General Manager (CGM) Office No. 08832476111
1.2	National Highway Number	16	
1.3	State	Andhra Pradesh	
1.4	Location	Tadepalligudem, West Godavari (D)	Coordinates: From N16 <sup>0</sup> 50' 32.7" / E81 <sup>0</sup> 31'41.6" to N16 <sup>0</sup> 50' 25.2" / E81 <sup>0</sup> 30'41.8"
1.5	(Chainage in km)	990.270 KM to 988.500 KM	Centre line chainage
1.6	Length in Meters	1770	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction.	24 m	
***************************************	(b) Right side from center line towards increasing chainage/ km direction.	24 m	
1.8	Proposal to lay underground electrical cable.	NA	
	(a) Left side from center line towards increasing chainage/ km direction.	NA	
	(b) Right side from center line towards increasing chainage/ km direction.	NA	
1.9	Proposal to acquire land		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired.	NA	
	If not then where to lay the cable.	NA	
1.11	Details of already laid services, if any, along the proposed route.	Nill	
1.12	Number of existing lanes (2/4 / 6/8 lanes)	4	
1.13	Proposed Number of lanes (2 lane with paved shoulders 4/6 / 6/8 lanes)		
1.14	Service road existing or not		
	If yes then which side		
	(a) Left side from center line	Yes	Towards Kolkata
	(b) Right side from center line		
1.15	Proposed Service road		
	(a) Left side from center line		

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Survan Project Director NHAI-PIU BAJAMAHENDRAVARAM

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	1.16	(b) Right side from center line Whether proposal to lay Gas Pipe line is after the service road or between the service road and main carriageway.	After Service road	
	1.17	Wheather carrying of sewage/gas pipeline has been proposed on highway Bridges.  If Yes, then mention the methodology proposed for the same.	NA	
	1.18	Wheather carrying of sewage/gas pipeline has been proposed on the parapet/ any part of bridges.  If Yes, then mention the methodology proposed for the same.	NA	
	1.19	If crossings 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.	NA	
		(a) Whether existing drainage structures are allowed to carry the utility pipelines.	NA	
		(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.	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 strength and be large enough to permit ready withdrawal of the carrier pipe/cable.  Mention type of casing.	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.  Mention the proposed details.	NA	

		(h) Mention the methodology proposed for crossing of road for proposed Sewage/Gas Pipeline. 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 enclosed with the proposal		
	2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deepX 0.3m wide) (i) Should 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 carriageway. (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 that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	NA	Proposal is for laying the natural gas pipeline along the National Highway on the edge of ROW. Drawing indicating proposed Pipeline route along NH for approval is enclosed. Permission is sought for the Route-2 indicated in the enclosed drawing vide number B/SA/MECON/GGPL/RECONNAI SANCE SURVEY/ROUTE PLAN dated 01.09.2018
	2.2	Cross section showing the size of pit and location of cable for HDD method.	NA	
	2.3	Strip plan/ Route Plan showing Gas pipe line, Chainage, width of ROW. Distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.		
	2.4	Methodology for laying of Sewage/Natural gas pipe line.		
	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	Yes	Pipeline laying shall be carried our by HDD where open trenching method is not possible.
		(a) The trench width should be at least 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 edged 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 sidefill 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 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 expenses of agency owning the utilit line	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method.	Yes	
2.4.3	Methodology for laying of Pipeline through CD works and method of laying. Incase where the carrying of gas pipe line on the bridge becomes inescapable.	NA	
3	Draft License Agreement signed by two witnesses.	Yes, Enclosed	
3.1	The licensee fee estimate as per Ministry's guidelines issues vide circular No. RW/NH- 33044/29/2015/S&R(R) dated 22.11.2016.		GGPL agrees for the same as per requirement of NHAI
4	Whether Performance Bank Guarantee as per Ministry's Circular no. RW/NH-33044/29/2015/ S&(R) dated 22.11.2016 is obtained.		GGPL agrees for the same as per requirement of NHAI

4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines		GGPL agrees for the same as per requirement of NHAI
5	Affidavit / Undertaking from the applicant for the following is to be furnished:		
5.1	Undertaking for Not to Damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes, Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MORTH/NHAI.	Yes	
5.3	Undetaking for Confirmination all standard condition of Ministry Circulars & NHAl's guideline	Yes	
5.4	Underataking for indeminity against all damages and claims.	Yes	
5.5	Underataking for management of traffic movement during laying of utility line without hampering the	Yes	
5.6	Undertaking if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant	Yes	
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	
5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any dammage caused to the National Highway by the laying, Maintenance or shifting of the utility line will be borne by the applicant agency owing	Yes	
5.9	Undertaking that text of the 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(R) dated 22.11.2016	Yes	
5.10	Undertaking that the applicant has obtained various safety cleareances from the respective authorities such as Directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety Orginization, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, befor applying to Highway Adminstration.	Yes	

G. ANKAIAH

Deputy General Manager (CGM)

Godavari Gas Private Limited

(A Joint Venture of APGDC & HPCL)

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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 NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes	
5.12	Certificate from the applicant in the following format  (i) Laying of Gas pipe line 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 own cost not with standing the permission granted within such time as will be stipulated by NHAI for future six-lanning or an other development.	Yes	
6	Who will sign the agreement on behalf of Gas pipe line agency.	Dy. General Manager(CGM), GGPL	
	Power of attorney to sign the aggreement on behalf of Gas pipe line agency.	NA	
7	Certificate from the project Director		
7.1	Certificate that the proposal is confirming to all standards conditions issued vide Ministry's Circular No: RW/NH-33044/29/2015/S&(R) Dated 22.11.2016.	Yes, Enclosed	

7.2	Certificate from PD in the following format (Yes/No)  (i) "It is certified that any other location of the Pipe Line would be extremely difficult and unreasonable costly and the installation of Gas pipe line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future imrovement such as widening of the carriageway, easing of curve etc".  (ii) for 6 -lanning  (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".  (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed to be taken up	Yes, 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 to lay Pipeline has also been granted as a right of way to the concessionaire under the concession agreement for upgradation of [ section from Km of NH Noman Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."		
9	Who will supervise the work of laying of gas supply pipe line.		
	(a) On Behalf of Applicant	Dy. General Manager(CGM), GGPL	
	(b) On Behalf of MoRTH/NHAI	Project Director - NHAI (Rajahmundry)	
10	Who will ensure that the defects in road portion after laying of gas Supply pipe line are corrected and if not corrected then what action will be taken.		
	(a) On Behalf of Applicant	Dy. General Manager(CGM), GGPL	
	(b) On Behalf of MoRTH/NHAI	Project Director - NHAI (Rajahmundry)	

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Project Director
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11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	M/s Godavari Gas Private Limited	
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).		M/s GGPL will agree for the same as per requirement of NHAI
13	If any previous approval is accorded for laying of underground Gas Supply Pipe line then Photocopy of register of records of permissions accorded (as maintained by PD) then copy be enclosed.		M/s GGPL will agree for the same as per requirement of NHAI