



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
समृद्धि के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Ref : NHAI/RO-VJA/V-G/2017-18/2956

Date : 19-12-2018

To

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

Sub : 4-laning of NH-9 from Vijayawada-Machilipatnam Section from Km.0+000 to Km.63+800 (approx. length 64.611 Kms) in the State of Andhra Pradesh under NHDP Phase III to be executed on EPC Mode - Proposal for laying of 6"NB X 6.4 MM (WT) dia Steel pipeline network across NH-65 for supply of CNG/PNG for Domestic customers in Tadigadapa areas - Public Comments - Reg.

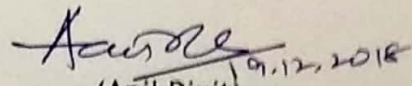
Sir,

Please find enclosed herewith the proposal of M/s. Bhagyanagar Gas Ltd., for laying of 6"NB X 6.4 MM (WT) dia Steel pipeline network across NH-65 for supply of CNG/PNG for Domestic customers in Tadigadapa areas.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the application along with the recommendation of PD, PIU - Vijayawada 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)
Regional Officer
RO - Vijayawada

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Copy to PD, PIU - Vijayawada - 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 नं. 21, टीचर्स कॉलोनी, गुरुनानक नगर रोड, विजयवाड़ा-520 008, आंध्र प्रदेश

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भारतमाला
प्रगति के पथ पर भारत
BHARATMALA
ROAD TO PROSPERITY

Ref : NHAI/RO-VJA/V-G/2017-18/2856

Date : 19-12-2018

INVITATION OF PUBLIC COMMENTS

Sub : 4-laning of NH-9 from Vijayawada-Machilipatnam Section from Km.0+000 to Km.63+800 (approx. length 64.611 Kms) in the State of Andhra Pradesh under NHDP Phase III to be executed on EPC Mode - Proposal for laying of 6"NB X 6.4 MM (WT) dia Steel pipeline network across NH-65 for supply of CNG/PNG for Domestic customers in Tadigadapa areas - Public Comments - Reg

The Project Director, PIU - Vijayawada submitted a proposal of M/s. Bhagyanagar Gas Ltd., for laying of 6"NB X 6.4 MM (WT) dia Steel pipeline network across NH-65 for supply of CNG/PNG for Domestic customers in Tadigadapa areas.

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

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

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

Anil Dixit
19.12.2018

(Anil Dixit)
Regional Officer
RO - Vijayawada

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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India
(Ministry of Road Transport & Highways)

दूरभाष / Phone : 0866 - 2543496
ई-मेल / E-mail : vij@nhai.org
nhaipuvij@gmail.com

परियोजना कार्यान्वयन ईकाई
Project Implementation Unit

प्लॉट नं:74, वनमाली भवन, एन.ए.सि. कल्याणा वेदिका के बगल में,
कमर्शियल टैक्स कोलोनी, गुरुनानक नगर रोड, विजयवाड़ा-520 008.
Plot No. 74, Vanamali Building, Beside N.A.C. Kalyana Vedika,
Commercial Taxes Colony, Gurunanak Nagar Road, Vijayawada-520 008.

Ref.11080/VM/NHAI/PIU/V/2018/1765

Date: 06.12.2018



भारतमाला
गुप्तिके पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

To,

Regional Officer,
National Highways Authority of India,
VIJAYAWADA.

Sir,

Sub: NHAI, PIU, Vijayawada - 4-laning of NH-9 from Vijayawada-Machilipatnam Section from Km.0+000 to Km.63+800 (approx. length 64.611 Kms) in the State of Andhra Pradesh under NHDP Phase III to be executed on EPC Mode - Proposal for laying of 6"NB X 6.4 MM (WT) dia Steel pipeline network across NH-65 for supply of CNG/PNG for Domestic customers in Tadigadapa areas -Proposal resubmitted- reg.

- Ref: 1) Lr.no.BGL/VJA/NHAI/18-19/04 dt. 08.10.2018 of Bhagyanagar Gas Ltd, Vijayawada
2) PIU, Vijayawada Lr.No. 11080/VM/NHAI/PIU/V/2018/1449 dated 22.10.2018
3) RO, Vijayawada Lr.No. NHAI/RO-VJA/V-M/2017-18/2386 dated 09.10.2018
4) PIU, Vijayawada Lr.No. 11080/VM/NHAI/PIU/V/2018/1342 dated 01.10.2018
5) TL, RITES Lr.no.RITES/HW/VMP/NHAI/2018/718 dt.13.08.2018
6) Lr.no.BGL/VJA/NHAI/18-19/04 dt.28.07.2018 of Bhagyanagar Gas Ltd, Vijayawada
7) TL, RITES Lr.no. RITES/HW/VMP/NHAI/2018/507 dt.21.07.2018
8) Lr.no.BGL/VJA/NHAI/18-19/03 dt. 01.05.2018 of Bhagyanagar Gas Ltd, Vijayawada


Please refer to the 4th cited letter above where in the application of Bagyanagar Gas Limited has been submitted for laying the 6" dia steel P/L along NH-65 and continuity of pipe to be laid to provide CNG connection to Vani Bhavani BPCL retail outlet at Tadigadapa areas and domestic connection to Kanuru & Poranki area. The same application is returned from Regional Office, Vijayawada with certain observations vide 3rd cited above.

Further, It was requested to BGL to resubmit the application with some observation vide 2nd cited. Now, BGL resubmitted the application duly attending all observations vide 1st cited above.

In this connection, the proposal of M/s. Bhagyanagar Gas Limited for laying of 6" NB X 6.4mm (WT) dia steel pipeline network along NH-65 for a length of 1940Rmts and road crossing through HDD method at Ch. 5+100 & 6+100 on NH-65 (Old NH-9) on Vijayawada-Machilipatnam section in the state of Andhra Pradesh towards supply of CNG/PNG for domestic customers in Tadigadapa areas is herewith submitted duly clarifying all the observations made vide reference letter 3rd cited for approval.

Encl: As above.

Yours faithfully,


(M. Vidyasagar)
Project Director,
NHAI, PIU-Vijayawada

Ref.11080/VM/NHAI/PIU/V/2018/

Date: 05.12.2018

To,

Regional Officer,
National Highways Authority of India,
VIJAYAWADA.

Sir,

Sub: NHAI, PIU, Vijayawada - 4-laning of NH-9 from Vijayawada-Machilipatnam Section from Km.0+000 to Km.63+800 (approx. length 64.611 Kms) in the State of Andhra Pradesh under NHDP Phase III to be executed on EPC Mode - Proposal for laying of 6"NB X 6.4 MM (WT) dia Steel pipeline network across NH-65 for supply of CNG/PNG for Domestic customers in Tadigadapa areas -Proposal resubmitted- reg.

- Ref: 1) Lr.no.BGL/VJA/NHAI/18-19/04 dt. 08.10.2018 of Bhagyanagar Gas Ltd, Vijayawada
2) PIU, Vijayawada Lr.No. 11080/VM/NHAI/PIU/V/2018/1449 dated 22.10.2018
3) RO, Vijayawada Lr.No. NHAI/RO-VJA/V-M/2017-18/2386 dated 09.10.2018
4) PIU, Vijayawada Lr.No. 11080/VM/NHAI/PIU/V/2018/1342 dated 01.10.2018
5) TL, RITES Lr.no.RITES/HW/VMP/NHAI/2018/718 dt.13.08.2018
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7) TL, RITES Lr.no. RITES/HW/VMP/NHAI/2018/507 dt.21.07.2018
8) Lr.no.BGL/VJA/NHAI/18-19/03 dt. 01.05.2018 of Bhagyanagar Gas Ltd, Vijayawada

Please refer to the 4th cited letter above where in the application of Bagyanagar Gas Limited ~~application~~ has been submitted for laying the 6" dia steel P/L along NH-65 and continuity of pipe to be laid to provide CNG connection to Vani Bhavani BPCL retail outlet at Tadigadapa areas and domestic connection to Kanuru & Poranki area. The same application is returned from Regional Office, Vijayawada with certain observations vide 3rd cited above.


Further, It was requested to BGL to resubmit the application with some observation vide 2nd cited. Now, BGL resubmitted the application duly attending all observations vide 1st cited above.

In this connection, the proposal of M/s. Bhagyanagar Gas Limited for laying of 6" NB X 6.4mm (WT) dia steel pipeline network along NH-65 for a length of 1940Rmts and road crossing through HDD method at Ch. 5+100 & 6+100 on NH-65 (Old NH-9) on Vijayawada-Machilipatnam section in the state of Andhra Pradesh towards supply of CNG/PNG for domestic customers in Tadigadapa areas is herewith submitted duly clarifying all the observations made vide reference letter 3rd cited for approval.

Encl: As above.

Yours faithfully,


(M. Vidyasagar)
Project Director,
NHAI, PIU-Vijayawada


5.12.18

CERTIFICATE

1. Undersign has examined the proposal of the applicant for laying of 6" NB x 6.4MM (WT) dia. Steel pipeline network and confirm that the all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&(R) Dtd. 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 and traffic safety of the highway nor the likely future improvement such as widening of the carriage way, 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 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 same is enclosed with the proposal.


(M.Vidyasagar)
Project Director
NHAI, PIU-Vijayawada 6/12/16



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India
(Ministry of Road Transport & Highways)

दूरभाष / Phone : 0866 - 2543496
ई-मेल / E-mail : vij@nhai.org
nhaipiuvi@gmail.com

परियोजना कार्यान्वयन ईकाई
Project Implementation Unit

प्लॉट नं:74, वनमाली भवन, एन.ए.सि. कल्याणा वेदिका के बगल में,
कमर्शियल टैक्सेज कॉलोनी, गुरुनानक नगर रोड, विजयवाड़ा-520 008.
Plot No. 74, Vanamali Building, Beside N.A.C. Kalyana Vedika,
Commercial Taxes Colony, Gurunanak Nagar Road, Vijayawada-520 008.



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Ref.11080/VM/NHAI/PIU/V/2018/1342

Date: 01.10.2018

To,

The Regional Officer,
National Highways Authority of India,
VIJAYAWADA.

Sir,

Sub: NHAI, PIU, Vijayawada - 4-laning of NH-9 from Vijayawada-Machilipatnam Section from Km.0+000 to Km.63+800 (approx. length 64.611 Kms) in the State of Andhra Pradesh under NHDP Phase III to be executed on EPC Mode - Proposal for laying of 6"NB X 6.4 MM (WT) dia Steel pipeline network across NH-65 for supply of CNG/PNG for Domestic customers in Tadigadapa areas - reg.

- Ref: 1) TL, RITES Lr.no.RITES/HW/VMP/NHAI/2018/718 dt.13.08.2018
2) Lr.no.BGL/VJA/NHAI/18-19/04 dt.28.07.2018 of Bhagyanagar Gas Ltd, Vijayawada
3) TL, RITES Lr.no. RITES/HW/VMP/NHAI/2018/507 dt.21.07.2018
4) Lr.no.BGL/VJA/NHAI/18-19/03 dt. 01.05.2018 of Bhagyanagar Gas Ltd, Vijayawada

It is to submit that this office vide reference 4th cited M/s. Bhagyanagar Gas Limited has submitted an application for laying the 6" dia steel P/L along NH-65 and continuity of pipe to be laid to provide CNG connection to Vani Bhavani BPCL Retail Outlet at Tadigadapa areas and domestic connection to Kanuru & Poranki areas and requested permission of the Authority.

2. The proposal was got examined by the AE in light of MORTH guidelines. AE vide ref.3rd cited above informed that a joint site inspection was conducted along with BGL officials and based on the site conditions submitted a report as below:

- 1) Dismantling of the existing structures located between km. 5+700 to km.6+300 is not completed upto the ROW on LHS which will construct and delay the laying of LPG pipelines.
- 2) Utility works on LHS i.e. shifting of electrical lines and laying of RWS pipelines are completed partially which will damage LPG gas pipeline while shifting of the balance utilities to the ROW edge.

And AE opined that laying of the CNG/LPG gas pipelines may be shifted on RHS side of the project highway from km. 05+300 to km.06+800 with a condition that the crossings involved are done as per HDD method.

Accordingly this office has returned the proposal to M/s.BGL for resubmission.

3. Now, M/s. BGL vide ref.2nd cited submitted the proposal duly making modification in the route drawing mentioning two road crossings at (1) LHS of Kanuru/Poranki and (2) terminating point of Steel pipeline at Vani Bhavani Petrol bunk on LHS to be executed by trenchless method i.e. HDD with all safety precautions as applicable.

Contd.2,

4. The revised proposal was got examined by the AE and the AE vide ref.1st cited informed the following:

- a) AE inspected the site on 11-08-2018 along with representative of M/s.BGL and recommended the proposal with certain observations below
- b) As per AEs instructions vide ref.3rd cited laying of pipeline on the RHS side of the carriageway provided with HDD crossings at main carriageway at 2 (two) locations i.e. Km. 04+990 & Km. 6+840 and along with the crossing the junctions at 2(two) locations i.e. Km. 5+100 -Tadigadapa & Km. 6+100-Poranki.
- c) Laying of the line to be done at the utility corridor only i.e. 2.5m from the ROW.
- d) The applicant should liaise with the Utility Departments concerned and M/s. Dilip Buildcon Limited while laying the pipeline.
- e) The proposal submitted by M/s. BGL is meeting the norms laid down in MORTH guidelines except for the length of pipeline which is 1940m against stated value of 1567m


5. In view of the above, the following are submitted :

- i) The proposal of M/s.Bhagyanagar Gas Limited is for laying of 6"NB X 6.4mm (WT) dia Steel pipeline network along NH-65 for a length of 1940Rmts and road crossing through HDD method at Ch. 4+990 & Ch. 6+840 on NH-65 (Old NH-9) on Vijayawada - Machilipatnam section in the state of Andhra Pradesh towards supply of CNG/PNG for domestic customers in Tadigadapa areas. Revised checklist for 1940m based on observations of AE is obtained and submitted herewith.
- ii) The diameter of boring is 6" by trenchless technology i.e. HDD method
- iii) The depth of boring is 1.2m by trenchless technology i.e. HDD method
- iv) License agreement signed by two witness is submitted
- v) Affidavit/Undertaking, not to damage other utilities, renewal of bank guarantee, shifting of gas pipeline as and when required by NHAI, conforming all standard conditions of NHAI guidelines are submitted.
- vi) Certificate from the Project Director is also enclosed.
- vii) The said proposal has been verified and found that the proposal is in order and it is in conformity with the guidelines for laying of Gas pipelines and as per MORTH Circular guidelines dated 22.11.2016.
- viii) Requisite Performance Bank Guarantee @ Rs. 100/- per route meter along with License fee for 5 years as per MORTH guidelines dated 22.11.2016 will be obtained from the agency, upon approval of the above proposal.

In view of the above, the proposal of M/s. Bhagyanagar Gas Limited for laying of 6"NB X 6.4mm (WT) dia Steel pipeline network along NH-65 for a length of 1940Rmts and road crossing through HDD method at Ch. 5+100 & Ch. 6+100 on NH-65 (Old NH-9) on Vijayawada - Machilipatnam section in the state of Andhra Pradesh towards supply of CNG/PNG for domestic customers in Tadigadapa areas is herewith recommended and with a request to accord approval for the same, at the earliest please.

Encl: As above.

Yours truly,


(M. Vidyasagar)
Project Director,
NHAI, PIU-Vijayawada





Bhagyanagar Gas Ltd.

BHAGYANAGAR GAS LTD.

A JOINT VENTURE OF GAIL (India) Ltd, & HPCL

Ref : BGL/VJA/NHAI/18-19/04

To,

The Project Director

PIU – Vijayawada

National Highway Authority of India



Date : 08.11.2018

Sub : Proposal for laying of 6"NB X 6.4 MM (WT) dia.Steel pipeline network across NH-65 for supply of CNG/PNG for Domestic Customers in Tadigadapa areas – Reg.

Dear Sir,

This has reference to the letter no. 11080/VM/NHAI/PIU/V/2018/1449 dated 22.10.2018 issued by NHAI for Gas pipeline laying along NHAI corridor.

Following points has been complied as per your points raised in the letter no. 11080/VM/NHAI/PIU/V/2018/1449 dated 22.10.2018

1. Specification Report has submitted alongwith revised calculation sheet.
2. Undertaking as per checklist no. 9 has been corrected & submitted
3. Correction has been done with regard to 1.18(e) and (f) of checklist & submitted.
4. Performance BG, Affidavit /Undertaking shall be submitted soon after the receipt of demand note.
5. As per check-list serial no.6 ,draft agreement attached to the proposal has signed by Dy.Manager (Project-O&M).
6. HDD cross section and methodology has submitted earlier.

Thanking you and assuring our best services at all the times.

Your's Faithfully

Ravi Shekhar
08/11/2018

Ravi Shekhar
Dy. Manager(P-O&M)
BGL Vijayawada
Contact -7981646305

Project Office :

APSRTC - Governorpet - II Depot. (Old Bus Stand), Survey No. 1031A,
VIJAYAWADA - 520 002, Krishna District. Phone : 0866 - 2572522

BGL is Committed to Cleaner Environment



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India
(Ministry of Road Transport & Highways)

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nhai@piuvij@gmail.com

परियोजना कार्यान्वयन ईकाई
Project Implementation Unit

प्लॉट नं: 74, वनमाली भवन, एन.ए.सि. कल्याणा वेदिका के बगल में,
कमर्शियल टेक्सेज कॉलोनी, गुरुनानक नगर रोड, विजयवाड़ा-520 008.

Plot No. 74, Vanamali Building, Beside N.A.C. Kalyana Vedika,

Ref.11080/VM/NHA/2018/2386 dated 22.10.2018



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
PROSPERITY

To,

The Dy. Manager (P-O&M),
Bhagyanagar Gas Ltd,
APSRTC Government II Depot (Old Bus stand),
Survey no. 1031A,
VIJAYAWADA.

Sir,

Sub: NHAI, PIU, Vijayawada - 4-laning of NH-9 from Vijayawada-Machilipatnam Section from Km.0+000 to Km.63+800 (approx. length 64.611 Kms) in the State of Andhra Pradesh under NHDP Phase III to be executed on EPC Mode - Proposal for laying of 6"NB X 6.4 MM (WT) dia Steel pipeline network across NH-65 for supply of CNG/PNG for Domestic customers in Tadigadapa areas -Proposal returned- reg.

- Ref: 1) RO, Vijayawada Lr.No. NHA/RO-VJA/V-M/2017-18/2386 dated 09.10.2018
2) TL, RITES Lr.no. RITES/HW/VMP/NHA/2018/718 dt.13.08.2018
3) Lr.no.BGL/VJA/NHA/18-19/04 dt.28.07.2018 of Bhagyanagar Gas Ltd, Vijayawada
4) TL, RITES Lr.no. RITES/HW/VMP/NHA/2018/507 dt.21.07.2018
5) Lr.no.BGL/VJA/NHA/18-19/03 dt. 01.05.2018 of Bhagyanagar Gas Ltd, Vijayawada

Please refer to the first cited letter above regarding your proposal return from Regional office, Vijayawada. The following observations were made during examination.

1. Specification report is not submitted for License Fee calculation.
2. Undertaking as per Check List S.No. 9 is not submitted.
3. Please furnish correct information with regard to 1.18(e) & (f) of Check list.
4. Performance BG, Affidavit/Undertakings are not enclosed to the proposal.
5. As per Check list S.No. 6, it was informed that Dy. Manger will sign the agreement. But the draft Agreement attached to the proposal was signed by Chief Manager (Projects). Hence, Chief Manager (Projects) has to sign the proposal and Agreement and Check-list may be got corrected accordingly.
6. HDD Cross section and methodology HDD and laying of pipe line are not submitted.

The proposal is herewith returned and it is requested to re-submit the proposal duly complying the above observations.

Encl: As above.

Yours truly,

(M. Vidyasagar)
Project Director,
NHAI, PIU-Vijayawada

No. RITES/HW/VMP/NHAI/2018/718

Date: 13th Aug 2018

To,

The Project Director
NHAI, PIU

Dr. No. 54-20/3-9, Plot No-1,
Ambedkar Nagar Colony, 1st Cross
Guru Nanak Nagar Road
Vijayawada – 520 008

राइट्स लिमिटेड

(भारत सरकार का प्रतिष्ठान)

RITES LIMITED

(Schedule 'A' Enterprise of Govt. of India)

Site Office:

Plot No. 8-208/1, Mythri Nagar, Kanuru, Vijayawada-520007

Tel/Fax: +91 - 866 2974033/34 Email: rites.vijayawada@gmail.com



Sub: NHAI, PIU, Vijayawada - 4 Laning of NH-9 from Vijayawada-Machilipatnam section from km. 0.000 to km. 63.800 (Approx. length 64.611 km) in the state of Andhra Pradesh under NHDP Phase-III A to be executed under Engineering, Procurement and Construction (EPC) mode – **Proposal for laying of 6"NB x 6.4 MM (WT) dia Steel pipeline network across NH-65 for supply of CNG / PNG for Domestic customers in Tadigadapa areas - Reg.,**

Ref: 1. PD, NHAI letter No. 11080/VM/NHAI/PIU/V/2018/940 dated 02.08.2018.
2. Lr. No. BGL/VJA/NHAI/18-19/04 dt. 28.07.2018 of Bhagyanagar Gas Ltd.,
3. This office letter No. RITES/HW/VMP/NHAI/2018/507 dated 21.06.2018
4. Lr. No. BGL/VJA/NHAI/18-19/03 dt. 01.05.2018 of Bhagyanagar Gas Ltd.,

Sir,

Please refer to the letter cited 1 above wherein it was requested to examine the revised proposal of M/s. BGL and submit the detailed report after duly inspecting the site, verifying checklist and drawings etc.,

As per Authority's instructions, Authority's Engineer inspected the site on 11.08.2018 along with the representative of M/s. BGL and recommended with the following observations:

1. As per instructions given by Authority's Engineer letter No 3 cited above laying of pipe line on the RHS side of the carriage way provided with HDD Crossings at main carriage way at 2 (two) locations i.e. Km. 04+990 & km. 6+840 and along with the crossing the junctions at 2 (two) locations i.e. km. 5+100 -Tadigadapa & km. 6+100 – Poranki.
2. Laying of the line to be done at the utility corridor only i.e. 2.5 m from the ROW.
3. The department should liaise with Utility Department and M/s. Dilip Buildcon Limited while laying the pipe line.
4. The proposal submitted by M/s. BGL is meeting the norms laid down in MoRTH Guide lines for the length of pipe line which is 1850 m.

This is for your information and necessary action please.

Thanking you and assuring you of our best attention at all times, as always,

Yours' faithfully,

(A. S. K. Gupta)

Team Leader cum Sr. Highway Engineer
9515664681 & 9840932099

Copy to: AGM (HW) & ABU -32, RITES Ltd. Gurgaon.

कॉर्पोरेट कार्यालय: राइट्स भवन, नं. 1, सेक्टर-29, गुडगाँव-122 001 (भारत). Corporate Office: RITES Bhawan, No.1, Sector-29, Gurgaon-122 001 (INDIA)

पंजीकृत कार्यालय: स्कोप मीनार, लक्ष्मी नगर, दिल्ली-110 092 (भारत). Registered Office: SCOPE Minar, Laxmi Nagar, Delhi-110 092 (INDIA)

दूरभाष (Tel): (0124) 2571666. फैक्स (Fax): (0124) 2571660. ई-मेल (E-mail): info@rites.com. वेबसाइट (Website): www.rites.com

CIN: 74899DL1974GOI007227



Bhagyanagar Gas Ltd.

BHAGYANAGAR GAS LTD.

A JOINT VENTURE OF GAIL (India) Ltd. & HPCL



Handwritten signature
Date : 01.05.2018

Date : 01.05.2018

Handwritten signature

Ref : BGL/VJA/NHAI/18-19/03

To,
The Project Director
PIU – Vijayawada
National Highway Authority of India

Sub : Proposal for laying of 6"NB X 6.4 MM (WT) dia.Steel pipeline network across NH-65 for supply of CNG/PNG for Domestic Customers in Tadigadapa areas.

Dear Sir ,

M/s Bhagyanagar Gas Limited is a joint venture of Central Government Public sector undertaking Companies GAIL(India) Ltd. and HPCL. BGL is authorized by Petroleum and Natural Gas Regulatory Board(PNGRB) to supply the piped Natural Gas(PNG) in the city of Vijayawada.

In order to provide CNG connection to Vani Bhavani BPCL Retail Outlet at **Tadigadapa** areas and domestic connection to Kanuru & Poranki areas, it is required to lay the 6" dia. steel P/L along NH-65 and keep the continuity of pipe to be laid to provide CNG connection to the above mentioned areas. It may please be noted that we have already reached nearer to NH-65 to cater the needs of CNG/PNG Customers. The proposed route plan for laying 6" dia.steel pipeline at a depth of 1.2 mtrs. by open cut method along NH-65 is attached herewith for your kind reference please.

BGL is already having the network of natural gas supply to the domestic ,commercial and industrial customers of Vijayawada City . This helps the public to consume pollution less, economical and eco-friendly natural gas in the household gas connections. The PNG is explosion riskless and has the advantage of usage at the tap turn in the house itself for 24X7 continuous supply through steel pipe without any interruption.

This project is being executed by the orders of the Hon'ble Supreme Court of India for reduction of pollution in the fast track and Metro Cities.

Keeping in view the importance of the project and its usage to the public of Vijayawada , Your good selves are requested to arrange the permission for pipeline laying at the earliest possible please.

This is submitted for your kind and necessary action please.

Very Truly Yours ,

Handwritten signature of Ravi Shekhar

Ravi Shekhar

Dy. Manager(P-O&M)

BGL - Vijayawada

Mob.No.- 7981646305

Project Office :

APSRTC - Governorpet - II Depot. (Old Bus Stand), Survey No. 1031A,
VIJAYAWADA - 520 002, Krishna District. Phone : 0866 - 2572522

BGL is Committed to Cleaner Environment



Bhagyanagar Gas Ltd.

BHAGYANAGAR GAS LTD.

A JOINT VENTURE OF GAIL (India) Ltd, & HPCL

BGL/VJA/NHAI/18-19/04

Date : 28.07.2018

To,
The Project Director
National Highway Authority of India
PIU , VIJAYAWADA

30 JUL 2018

3085

[Handwritten signature]
30/7

Dear Sir,

This has reference to the letter no. **11080/VM/NHAI/PIU/V/2018/766** dated 14.07.2018 issued by NHAI for Gas pipeline laying along NHAI corridor.

[Handwritten signature]

Re-routing of pipeline as per the NHAI authorities has been reviewed and the proposal is acceptable to BGL. Accordingly, the following modification has been done in the route drawing :

1. Steel pipeline shall be laid along RHS from Vijayawada to Machilipatnam Section. All the installations shall be underground including sectionalisation valves, the same will be installed at the extreme corner of the NH corridor.
2. As the pipeline approached from LHS of Autonagar/Kanur the Rod crossing shall be done by trenchless method i.e, HDD with all safety precautions as applicable.
3. As terminating point of Steel pipeline is at Vani Bhavani Petrol bunk on LHS of the section the road crossing shall be executed by trenchless method i.e, HDD.

The route diagram and length of the network incorporating the above changes as suggested by the NHAI authorities is submitted hereby for according permission.

Thanking you and assuring our best services at all the times

Regards,

FOR *[Handwritten signature]*
28/07/2018

GA Venkatesh
GA-Head

Project Office :

APSRTC - Governorpet - II Depot. (Old Bus Stand), Survey No. 1031A,
VIJAYAWADA - 520 002, Krishna District. Phone : 0866 - 2572522

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1850 Meters


BIAGAYANAGAR GAS LIMITED

6" Dia. Steel P/L Laying from
Kanuru at Ch 4+990 to
Tadigadapa Ch 6+840 at NH - 65

Project Director & M/CS
SHALPIU, VIJAYAWADA

Total Length(RHS) - 1850 meters. (Ch 4+990 to 6+840 Along the Road)

Crossing Length at ch 5+100 - 45 Meter


Crossing Length at ch 6+100 - 45 Meter


**Total Length including NH Crossing -
1940 Meters**

CHECK - LIST

Check list for getting approval for laying of Gas Pipe Line on NH land

S. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	BHAGYANAGAR GAS LIMITED, HQ, PARISHRAMA BHAVAN, TSIDC BUILDING, BASHEERBAGH, HYDERABA D-500004	
1.2	National Highway Number	65	
1.3	State	Andhra Pradesh	
1.4	Location	Near Slate School at CH : 4+990 to Vani Bhavani Petrol Bunk at CH : 6+840 at Tadigadapa areas.	
1.5	(Chainage in km)	0 to 1.940 KM (4+990 to 6+840)	
1.6	Length in Meters	1940 Rmts	
1.7	Width of available ROW	Total width 38 meter at CH : 5+280 , & 28 meter at CH : 6+840	
	(a) Left side from center line towards increasing chainage/ km direction	22.50 Meter	
	(b) Right side from center line towards increasing chainage/ km direction	22.50 Meter	
1.8	Proposal to lay underground gas Pipe Line	Proposal to lay underground Steel P/L across NH-65 will be done only by HDD methodology.	
	(a) Left side from center line towards increasing chainage/ km direction	DO	Refer the attached alignmen t sheets and crossing drawings
	(b) Right side from center line towards increasing direction	DO	Refer the attached alignmen t sheets and crossing drawings


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Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
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1.10	Whether proposal is in the same side where land is not to be acquired	1. NH – CROSSING FROM LHS TO RHS AT CH:5+100 2. NH – CROSSING FROM RHS TO LHS AT CH:6+100 (Vani Bhavani Petrol Bunk)	
	If not then where to lay the pipeline		
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	4	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 / 6/8 lanes)	No Proposals for widening of existing MCW/SR	
1.14	Service road existing or not	NO	
	If yes then which side	NA	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.15	Proposed Service road		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to lay Gas Pipe line is after the service road or between the service road and main carriageway	NH - CROSSING	Refer the attached alignment sheets
1.17	The permission for laying of Gas Pipe Line shall be considered for approval / rejection based on the Ministry Circulars mentioned as above. (a) Carrying of gas pipelines on highway bridges shall not be permitted as Furnes/gases pipes can accelerate the process of corrosion or may cause	Gas pipeline is not proposed to be laid on the bridges. It is simple laying along the RHS & NH-Crossing through HDD Method. at CH 5+100 and at CH 6+100	


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Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
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	<p>explosions, thus, being much more injurious than leakage of gas.</p> <p>(b) Carrying of gas pipe lines on bridges shall also be discouraged. However, if the gas supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized, 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</p>		
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	Ministry's Project Chief Engineers only.		
1.18	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	<i>Ans</i> <i>Yes</i>	
	(a) Existing drainage structures shall not be allowed to carry the lines.	<i>Ans</i> <i>Yes</i>	
	(b) Is it on a line normal to NH	Yes	
	(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	No existing structures are there near crossings.	
	(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.	Gas Line – 6 INCH Dia. Steel P/L Casing Pipe – 10 Inch Dia. Steel P/L	


 Project Director
 BHALPIU, VIJAYAWADA 6/12/18


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	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes , Ends of the casing pipe shall be sealed from Neoprene Rubber sheet.	
	(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.	Shall be complied. <i>Qui</i> <i>1.45 meter</i>	
	(g) The top pf 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.	5.0 M below the road surface at NH CROSSING	
	(h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	HDD	
	(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 gasway along it.	Shall be Complied	
2	Document / Drawings enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep X 0.3m wide) (i) Should not be greater than 60 Cm wider than the outer diameter of the pipe	Shall be complied	

[Signature]
Project Director
HALPTU, VIJAYAWADA 6/12/16

[Signature]
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Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
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	<p>(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</p> <p>(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.</p> <p>(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.</p>		
2.2	Cross section showing the size of pit and location of cable for HDD method	Attached the HDD crossing drawing.	
2.3	Strip plan/ Route Plan showing Gas Supply pipe line, Chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Attached.	
2.4	Methodology for laying of showing Gas Supply pipe line.	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, Methodology of refilling	<p>Open trenching method adopted only where pavement is neither cement concrete nor dense bituminous concrete type.</p> <p>Methodology of Refilling –</p> <p>Prepadding with sand or soft soil – 75 mm</p> <p>Post Padding with sand or Soft Soil – 75 mm</p>	


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	of trench	Warning Mat – 300 mm from the ground surface.	
	(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, Shall be complied.	
	(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 Shall be complied.	
	(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 Shall be complied.	
	(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. (e) The road crust shall be built to the same	Yes Shall be complied	


 Project Director-6/12/18
 BHAIPIU, VIJAYAWADA


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 BHAGYANAGAR GAS LIMITED,
 VIJAYAWADA-520 002.

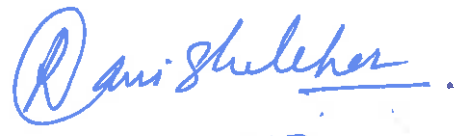
	strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	Yes, Shall be complied.	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Yes, Shall be complied.	
	(g) if required, a diversion shall be constructed at the expense of agency owning the utility line	Yes, Shall be complied.	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes, Enclosed	
2.4.3	Laying of Gas Supply Pipe Line through CD works and method of laying	NA	
	(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 up-to 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.	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(R) Dtd.22.11.2016	Enclosed.	
4	Performance Bank	Shall be submitted soon after receipt of in	


Project Director
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BHAGYANAGAR GAS LIMITED,
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	Guarantee in favour of NHAI has to be obtained @ Rs100/- per running meter (parallel to NH) and Rs1,00,000/- 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 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth.	principle approval from competent authorities.	
4.1	Performance BG as per above is to be obtained.	Yes	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Yes	
5	Affidavit / Undertaking from the Applicant for	Enclosed	
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.	Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI	Enclosed.	
5.3	Undertaking for Confirming all standard condition of Ministry Circulars and NHAI's	Enclosed	


Project Director
NHAI, PIU, VIJAYAWADA


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Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.


	guidelines.		
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/contract or then the same has to be paid by the applicant	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 Highways right-of-ways.	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	Undertaking that text of the license deed is as per verbatim of MoRTH format (issued	Enclosed	


 Project Director
 NHAI, PU, VIJAYAWADA


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 BHAGYANAGAR GAS LIMITED,
 VIJAYAWADA-520 002.

	vide Ministry's Circular No. RW/NH- 33044/29/2015/S&R(R) Dtd.22.11.2016		
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 Organisation, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration.	NA	
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 owing 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. i) Laying of gas supply pipeline will not have any deleterious effects on any of the	Enclosed	


Project Director
NHAI, PIU, VIJAYAWADA 6/12/16




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Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

	<p>bridge components and roadway safety for traffic.</p> <p>2. "We do undertake that I will relocate service road / approach, road / utilities at my own cost not withstanding the permission granted within such time as will be stipulated by MoRTH(Ministry of Road Transport and Highways) Authority for future six - Lanning or any other development.</p>		
6.	Who will sign the agreement on behalf of of Gas Supply pipe line agency	Dy. Manager – (Projects and O&M), Bhagyanagar Gas Limited. Is authorized to sign.	
7	Certificate from the		


 Project Director
 BHAI, PIU, VIJAYAWADA 6/1/18


 RAVI SHEKHAR
 Dy. Manager Projects & O&M
 BHAGYANAGAR GAS LIMITED,
 VIJAYAWADA-520 002.

	Project Director		
7.1	<p>Certificate for confirming of all standard condition issued vide Ministry Circular No. Ministry Circular No. NH-41 (58)/68 dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, 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 17.9.2003</p>	Yes	
7.2	<p>Certificate from PD in the following format (i) <i>"It is certified that any other location of the Gas Supply pipe line would be extremely difficult and unreasonable costly and the installation of Gas Supply 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"</i>.</p>	Yes	



Project Director
BHAGYANAGAR GAS LIMITED
VIJAYAWADA-520 002
RAVI SHEKHAR
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

	<p>(ii) for 6 –laning</p> <p>(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”.</p> <p>(b) In case feasibility report is not available “I do certify that sufficient ROW is available at site for accommodating proposed six-laning”.</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 Licensee 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 up-gradation of [----- section from Km - ----- to Km ----- of NH No.- ---on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same.”</p>		
9	Who will supervise the work of laying of Gas Supply pipe line	Dy. Manager (Projects and O&M), Bhagyanagar Gas Limited.	
10	Who will ensure that the defects in road portion after laying of Gas Supply pipe line are	Dy. Manager (Projects and O&M), Bhagyanagar Gas Limited.	


 Project Director
 NHAI, PIU, VIJAYAWADA 6/12/18


 RAVI SHEKHAR
 Dy. Manager Projects & O&M
 BHAGYANAGAR GAS LIMITED,
 VIJAYAWADA-520 002.

	corrected and if not corrected then what action will be taken.		
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	Dy. Manager (Projects and O&M), Bhagyanagar Gas 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).	Yes <i>Ravi</i>	
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	Yes NO <i>Ravi</i>	

[Signature]
Project Director
BHAGYANAGAR GAS LIMITED, VIJAYAWADA

[Signature]

Dy. Manager – Projects and O&M
Bhagyanagar Gas Limited
Vijayawada.(AP)
Mob:- 7981646305

RAVI SHEKHAR
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

Specification Report

Specification report to accompaying the estimate towards " License Fees" for laying 6" X6.4 MM (WT) steel pipeline from KM 4+990 to KM 6+840 and across the road at 5+100 and 6+100 . (Total Length 1940 mtrs.) on NH 65 of Vijayawada Machilipatnam stretch.

Estimate Amount - Rs. 8,99,801

Performance Bank Guarantee - Rs.1,94,000

The rate of land abutting obtained from the website of Registration & Stamps Department, Government of Andhra Pradesh is used for calculation of the license fee.

The area falling in the proposed stretch of road, corresponding chainages and breakup are as follows :

ANNEXURE - I

Proposal for granting of permission for NH-65 laying of 6" Steel Pipeline network for supply of Piped Natural Gas by M/s. Bhagyanagar Gas Limited at NH-65 for a total route length of 1940 meters.

Sl. No.	Name of Village	Chainage		Length route Mtrs.	Width Mtrs.	Utilized NH Land Area Sq. Mtrs.	Prevailing Circle rate of Land in Rs./Square Yard	Prevailing Circle rate of Land in Rs./Sq.Mtrs. (Rate per	Amount Rs.	Remarks
		From KM	To KM							
1	Tadigadapa	4+990	6+840	1,850.000	0.25	462.500	9,400	11,244	5,200,350	
2	Tadigadapa	Crossing at 5+100 and 6+100		2 x 45 = 90.000	0.25	22.5	9,400	11,244	252,990	
			Total	1,850						
Total Amount									5,453,340	
License Fees (Rs./month) = 5453340/10*12									45,445	
Total License Fees for 5 years = 45445*12*5									2,726,670	
Total License Fees payable by M/s Bhagyanagar Gas Ltd. for Laying of Public Utility Service (Gas Pipeline) -----									899,801	

Performance Bank Guarantee Amount calculation

Amount of Performance Bank Guarantee to be submitted = Total length of utilities in meters x Rs. 100/- (<= 300 mm dia/width)
 i.e. 1940 x Rs. 100/- Rs 194000/-

Performance Bank Guarantee Amount = Rs.1,94,000/-

Yours Faithfully

(M. Vidya Sagar)

Project Director,
NHAI, PIU-Vijayawada.



Bhagyanagar Gas Ltd.

BHAGYANAGAR GAS LTD.

A JOINT VENTURE OF GAIL (India) Ltd, & HPCL



BGL/VJA/NHA/18-19/05

To,
The Project Director,
PIU, National Highway Authority of India
Vijayawada,
Andhra Pradesh.

Date : 28.08.2018

Per
30/8/18

Ref. : BGL Letter no. BGL/VJA/NHA/18-19/04 dtd. 28.07.2018

Subject : Submission of Additional Undertaking – Reg.

Dear Sir,

As per your instruction, we are hereby submitting additional undertaking for your processing of permission for laying 6 inch dia. steel pipeline as per above reference letter.

We have lined up all the resources for commencement of steel pipeline laying in above areas mentioned in the reference letter and your co-operation is solicited for the permission at the earliest.

Thanking You in anticipation,

Encl. - Undertaking

Yours Faithfully,

Ravi Shekhar
28/08/2018

Ravi Shekhar
Dy. Manager – Projects and O&M
Bhagyanagar Gas Limited
Vijayawada.
Contact No. : 7981646305

Project Office :
APSRTC - Governorpet - II Depot. (Old Bus Stand), Survey No. 1031A,
VIJAYAWADA - 520 002, Krishna District. Phone : 0866 - 2572522

BGL is Committed to Cleaner Environment



Bhagyanagar Gas Ltd.

BHAGYANAGAR GAS LTD.

A JOINT VENTURE OF GAIL (India) Ltd, & HPCL

To,
Project Director,
National Highway Authority of India
The Project Director
PIU – Vijayawada
National Highway Authority of India

Date : 25.10.2018

Subject : Proposal for laying of 6" dia. Steel pipeline (with 10" Steel casing) network across NH-65 for supply of CNG/PNG for Domestic Customers in Tadigadapa areas.

Ref: 1. BGL/ VJA/NHAI/17-18/01 Dated 22.08.2017
2. Your Letter No.11080/VM/NHAI/PIU/V/2018/1449 Dated 22.10.2018

Dear Sir ,

In reference to the above letter , we are hereby submitting the specification report for licensee fee and Performance Bank Guarantee calculation as per Ministry Guidelines MoRTH vide F.No RW/NH-3044/29/2015/S&R® Dated 22.11.2016 for further needful action.

1. Performance Bank Gurantee : (1850 x100) = **Rs.1,85,000** (Extendable till satisfactory completion of work) as a security against compensation for damage.

Amount in words : **Rupees One Lakh Eighty Five Thousand Only.**

2. Licensee Fee : **Rs. 8,58,058/- (Rupees Eight Lakh Fifty Eight Thousand Fifty Eight)**

We are request you to kindly review the above amount for further necessary action.

Since this project is of national importance and being implemented in time bound manner , hence we request you to kindly accord necessary permission for laying of pipeline across National Highway-16 under your jurisdiction on priority to enable BGL to complete the project as per time schedules.

Thanking You ,

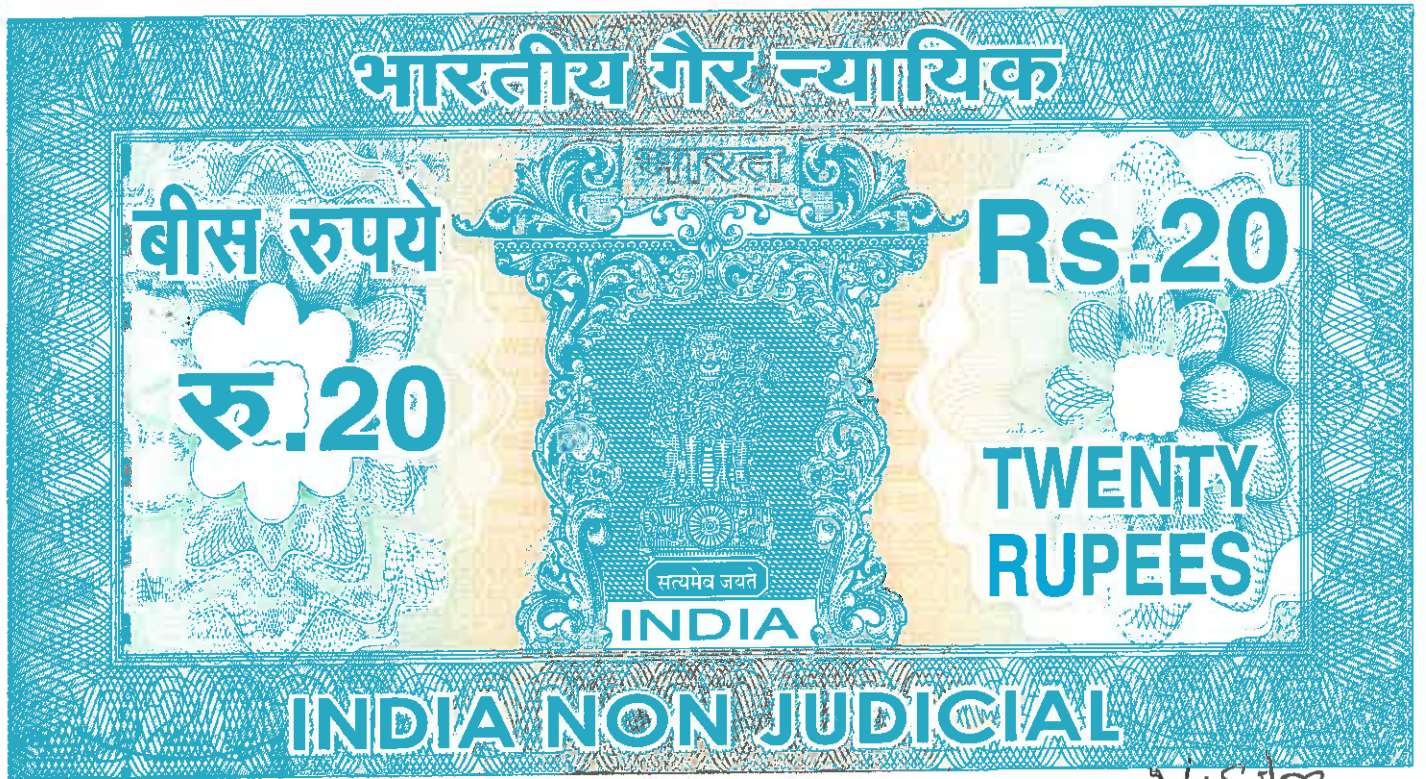
Very Truly Your

Ravi Shekhar
Dy.Manager –(Project & O&M)

Project Office :

APSRTC - Governorpet - II Depot. (Old Bus Stand), Survey No. 1031A,
VIJAYAWADA - 520 002, Krishna District. Phone : 0866 - 2572522

BGL is Committed to Cleaner Environment



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

68AA 689278

SL.No: 12652 Dt: 28/8/2018 Rs: 20/-

Sold to Srt: Ravi shekhar s/o Rama krishna Rao
For Whom: Bhaggaya nagar Gas Ltd, Vm

VALLABHANENI. SILPA
LICENSED STAMP VENDOR
O.L.No. 08/2013,
R.L.No. 06-21-011/2017
D.No: 60-20-4, Ashok Nagar,
VIJAYAWADA-10, Cell: 9491755444

UNDERTAKING – 1


1. We will take up the work of 6 inch dia. steel pipeline laying at the edge of ROW duly co-ordinating with the contractor and Authority Engineer of the 4-Lane Project.

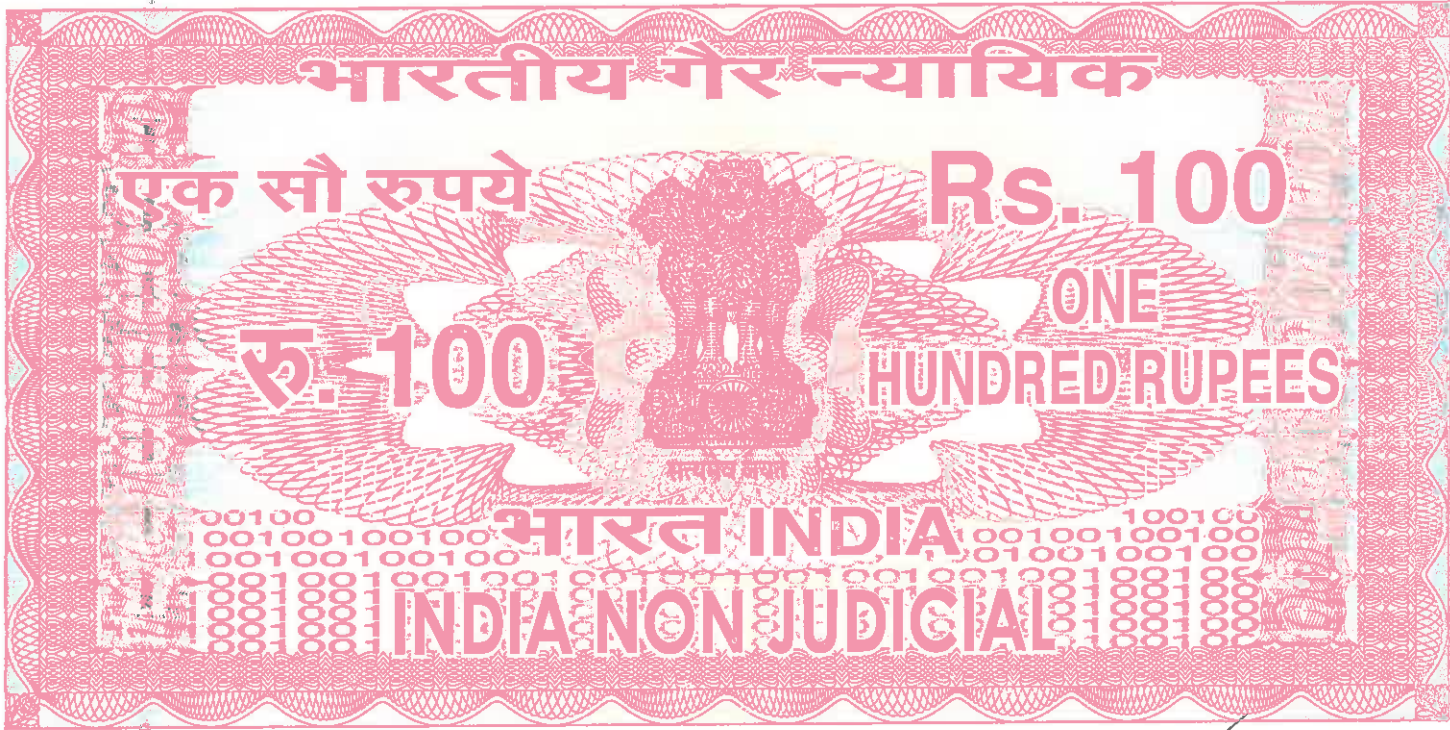
UNDERTAKING – 2

1. Laying of Gas Pipeline will Not obstruct the on-going 4-Lane Project.

UNDERTAKING – 3

1. While laying 6" dia. steel pipeline we will take up all the safety measures to local public & assets.


RAVI SHEKHAR 28/08/2018
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH 18 APR 2018
Sl.No. 5648 Dt. 18/04/2018 Rs. 100/-

Issued to Shri Ravi Shekhar S/o Rama Krishna Rao,
For Whom Bhagyanagar Gas Ltd. VJA

CG 100076

J. VINATHI
LICENCED STAMP VENDOR
U.L.No. 06/2014, P.L.No. 06-27-026/2014
Valid up to 31-12-2020
26-3-4, Sivarejan Complex,
N R R Road, Gandhinagar, Vijayawada.
Cell: 97051 23555

**AGREEMENT REGARDING GRANTING OF RIGHT OF WAY
PERMISSIONS**

FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS

Agreement to lay Telecom cable / OFC cable / electrical cable / pipe line / ducts etc. from
to Km of land.

This Agreement made this _____ day of _____ (month) _____
of (year) between _____ acting in his executive capacity through _____

(hereinafter referred to as the "Authority" which expression shall unless excluded by
or repugnant to the context, include his successors in office and assigns) on the one part, and
M/s. _____, a company registered under the Companies Act, 1956 and
having its Registered Office at _____ (hereinafter called the "Licensee") which
expression shall unless excluded by repugnant to the context, include his successors/
administrator assignees on the second part.


Whereas the Authority is responsible, inter-alia, for development and maintenance of
lands in Km. to of NH No. RoW. Whereas the License proposed to
lay Telecom cable / OFC cable / electrical cable / pipe line / ducts etc. referred to as utility
services in subsequent paras. Whereas the Licensee has applied to the Authority for
permission to lay utility services from Km _____ to Km _____
of road / route up to and from km _____ to km _____ of road / route up to
_____.


RAVI SHEKHAR
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

And whereas the Authority has agreed to grant such permission for way leave on the NH RoW as per terms and conditions hereinafter mentioned.

Now this agreement witnesseth that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per the approved drawing attached hereto subject to the following conditions, namely.

1. RoW permissions are only enabling in nature. The purpose of extending the way leave facility on the National Highway RoW is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions/scope of activities defined in the license agreement & for the purpose for which it is granted.


RAVI SHEKHAR
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.


2. No Licensee shall claim exclusive right on the RoW and any subsequent user will be permitted to use the RoW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfilment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/ industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs/sq m/month to the Authority. The License fee shall become payable from the date of handing over of RoW land to the Licensee, for laying of utilities/cables/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the RoW. In case of restricted width of RoW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.

RAVI SHEKHAR *Ravi Shekhar*
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

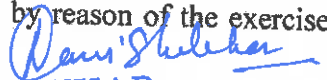
9. In exceptional cases, where RoW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 metre below the ground level. However, any structure above ground shall be aesthetically provided for / landscaped with required safety measures as directed by the concerned Authority;
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the casing/conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment-I.
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
 - a. Bedding shall be to a depth 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.

RAVI SHEKHAR *Ravi Shekhar*
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

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16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
 - a. Bedding shall be to a depth 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.

RAVI SHEKHAR 
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

- b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
- c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping 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.
- d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way;
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. per route metre / Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the RoW facility;


RAVI SHEKHAR
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

21. The Licensee shall shift the utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities /underground installations/ facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co-ordination with Authority shall also have a right make good such damages/ recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 day in advance with route details prior to digging trenches,

RAVI SHEKHAR *Ravi Shekhar*
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.

27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land /property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Site at all times to the authorised representatives of Authority to inspect the Project Facilities and to investigate any

RAVI SHEKHAR
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.

37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
- a. operation, repair and maintenance guidelines given by the manufacturers,
 - b. the requirements of Law,
 - c. the physical conditions at the Site, and
 - d. The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.
42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.

RAVI SHERMA
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED
VIJAYAWADA-520 002.

43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MoRT&H/ NHAI/ implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

This agreement has been made in duplicate, each on a Stamp Paper, Each party to this Agreement has retained one stamped copy each.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI _____

(Signature, name & address with stamp)

SIGNED ON BEHALF OF M/S _____

(LICENSEE)

BY SHRI RAVI SHEKHAR

(Signature, name & address with stamp)

Ravi Shekhar

RAVI SHEKHAR
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

HOLDER OF GENERAL POWER OF ATTORNEY DATED _____

EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO. _____

DATED _____

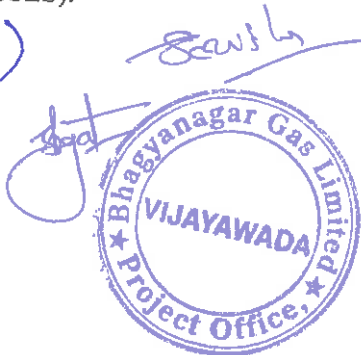
PASSED BY HTE BOARD OF DIRECTORS IN THE _____

MEETING HELD ON _____

IN THE PRESENCE OF (WITNESSES):

1. Satish Mishra (BWL)

2. Md. Sibgatullah



Attachment-I

Enclosure to Ministry of Road Transport & Highways letter No.RW/NH-33044/
29/2015) 54(R(R) dated 22.11.16.

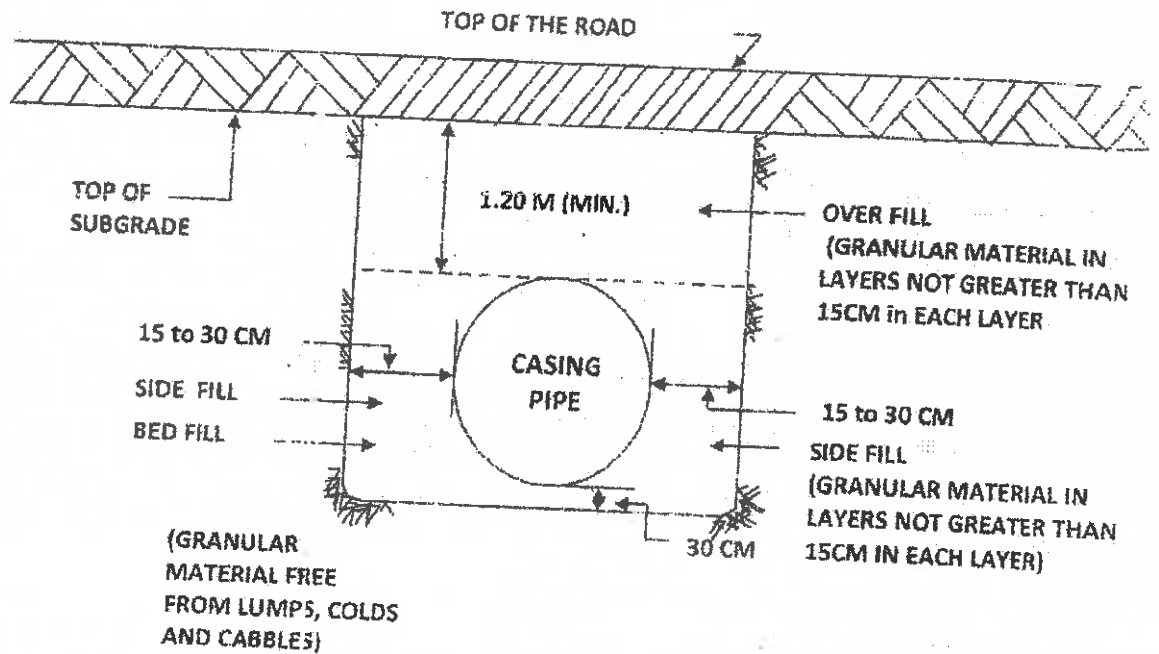
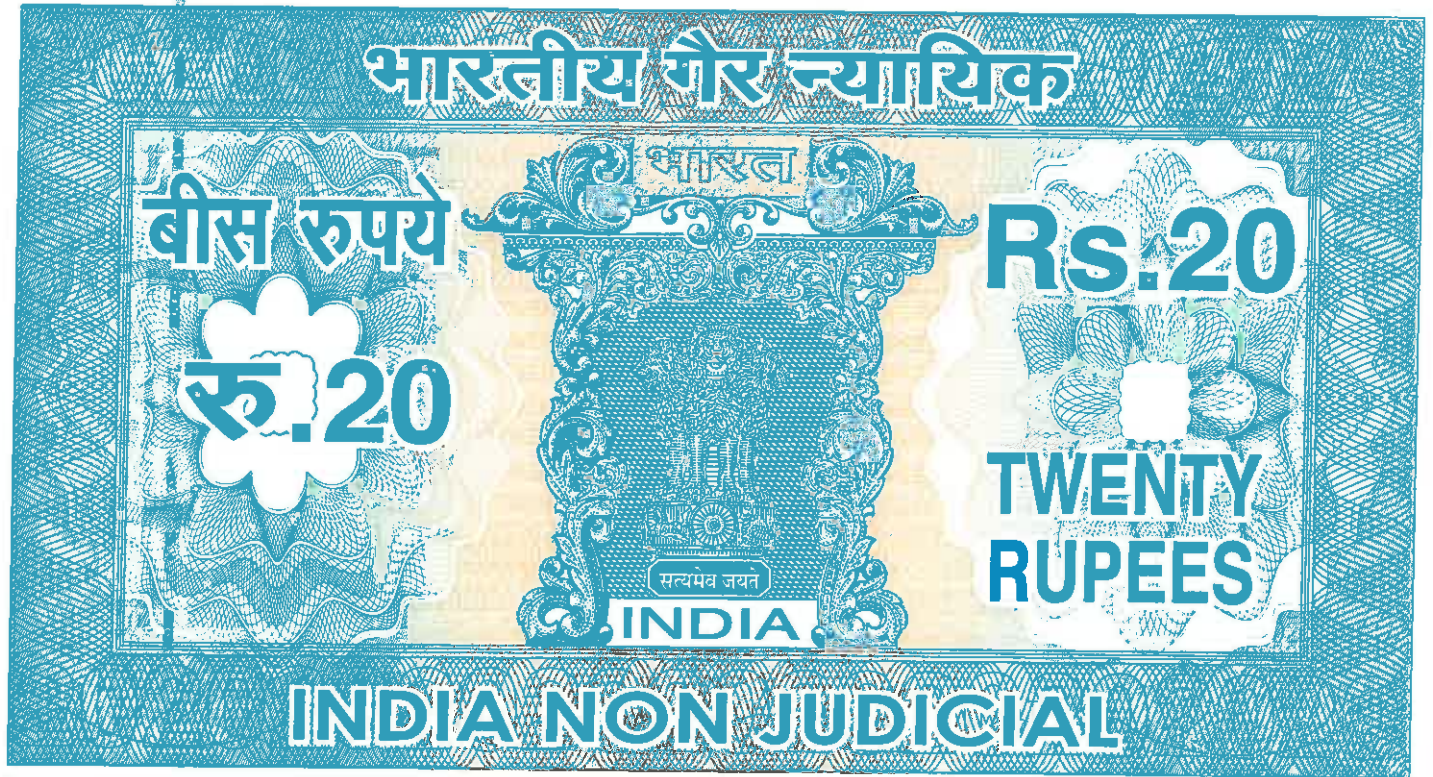


Figure not to scale

FIGURE-1 INSTALLATION OF CASING PIPE FOR
CROSSING THE ROAD

Danish Shekhar



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH
 St. No. 17294 16/11/2018 20/- 16 NOV 2018 68AA875052
 ID to Sri. Ravi Shekar S/o Ramakrishna Roy,
 For Whom Bhagyanagar Gas Limited. WH

J. VINATHI
 LICENCED STAMP VENDOR
 O.L.No. 06/2014, R.L.No. 06-27-026/2018
 Valid up to 31-12-2020
 # 26-3-4, Sivaranjani Complex,
 R P Road, Gandhinagar, Vijayawada.
 Cell: 97051 23555

UNDERTAKING

M/s. Bhagyanagar Gas Limited will follow all the safety rules of MoRT&H (Ministry of Road Transport & Highways) for laying gas pipeline.

- Laying of Gas Supply pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.
- Not to Damage to other utility, if damaged then to pay the losses either to MoRT&H or to the concerned agency.
- Renewal of Bank Guarantee if the work is not completed in the stipulated time.
- Confirming all standard condition of MoRT&H guideline.
- Shifting of Gas Supply pipe line as and when required by MoRT&H at its (BGL) own cost.
- Shifting of Gas supply line due to 6 lining / widening of MoRT&H.
- Indemnity against all damages and claims clause (xxiv)
- Traffic movement during laying of Gas Supply pipe line to be managed by BGL.
- If any claim is raised by the Concessionaire then the same has to be paid by BGL.
- Prior approval of the MoRT&H shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Gas Supply pipe line located in the National High Right of way
- Expenditure, if any, incurred by MoRT&H for repairing any damages caused to the National Highway by the laying, maintenance or shifting of the Gas Supply pipe line will be borne by the BGL.

Ravi Shekar

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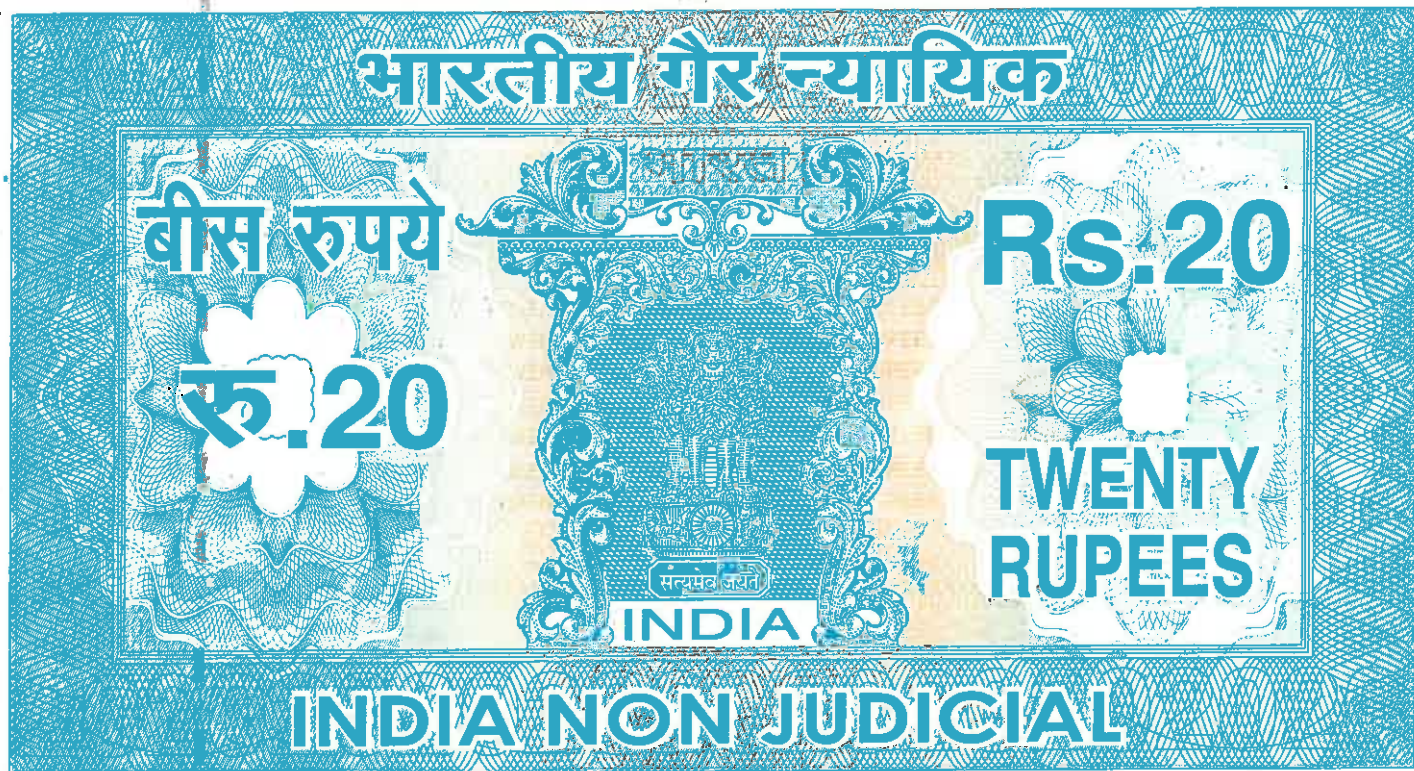
- If the MORT&H considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the MORT&H at the cost of BGL within a reasonable time (not exceeding 60 days) of the intimation given. The licensee will construct the Sectionalizing valves beyond the ROW of NH-30.
- 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) Dtd.22.11.2016

BGL will commence the gas supply through the pipes only after MORT&H issues a certificate stating that the gas pipe line has been laid as per the approved drawings and after checking the gas supply is as per the norms laid down by the Ministry of Road Transport and Highways.

Bhagyanagar Gas Limited



RAVI SHEKHAR
Authorized Signatory
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.



ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

68AA 517790

S.No. 8336 Date: 27/12/2017 Rs. 20/-

Sold to Sri. Md. Sibhatullah S/o. Abdul Majeed

For Whom: Bhagyanagar Gas Ltd. Vijayawada

NANJANI DEVI

LICENSED STAMP VENDOR

O.L.NO: 66-21-013/2013

R.L.NO: 66-21-012/2017

Valid up to 01-01-2017 to 31-12-20

#73-5-12, Patamata, Vijayawada

Cell: 9981003119

CERTIFICATE

1. Laying of gas supply pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.
2. This proposal implemented now will not affect any likely future improvement to geometrics.
3. The proposal is in accordance with the Government of India specifications.
4. For 6-Lanning "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 be stipulated by NHA Authority" for future six - Lanning or any other development.

BHAGYANAGAR GAS LIMITED

Ravi Shekhar
RAVI SHEKHAR

Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

6" Dia. Steel P/L Laying to BPCL Vani Bhavani on NH-65

Untitled layer

Line 1

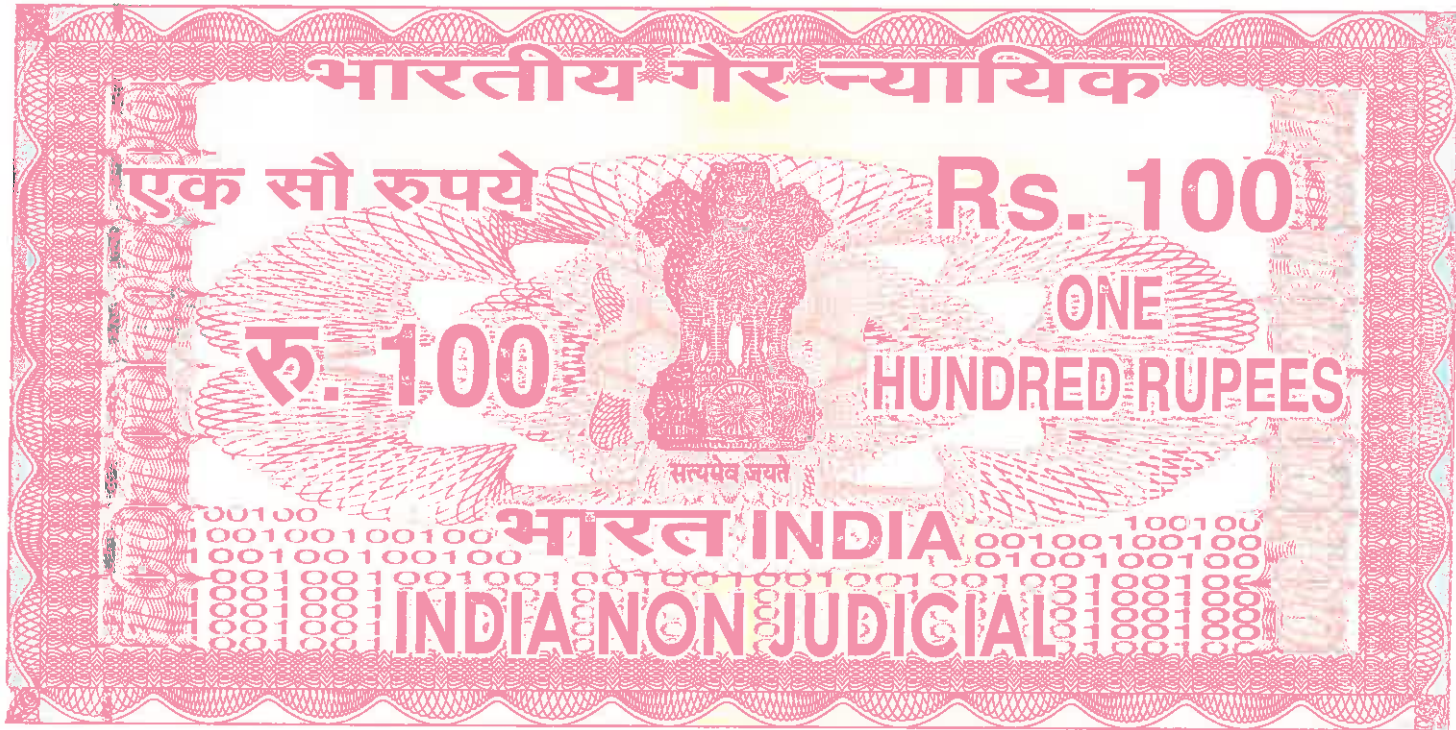
Line 2



Total Length - 1500 mtrs

BERM - 1500 mtrs

Ravi Shekhar
RAVI SHEKHAR
 Dy. Manager Projects & O&M
 BHAGYANAGAR GAS LIMITED,
 VIJAYAWADA-520 002.



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH 10 OCT 2018 CG 008147

150420 10/10/2018 Rs 100/-
Issued to Sri. Ravi Shekhar s/o Ramakrishna Roy,
for Whom Bhagya Nagar Gas Limited. WA

J. VINATHI
LICENCED STAMP VENDOR
O.L.No. 04/2014, PL.No. 04-27-024/2011
Valid up to 31-12-2020
26-3-4, Silveranjani Complex,
N P. Road, Gandhinagar, Vijayawada
Cell: 97051 23555

TO WHOMSOEVER IT MAY CONCERN

RESOLVED FURTHER THAT Shri.Ravi Shekhar, Deputy Manager (Projects & O & M), BHAGYANAGAR GAS LIMITED (Project Office), located at APSRTC Old Bus Depot, Governorpet-II, Vijayawada-02, be and are hereby authorized and empowered on behalf of the Shri G.A.Venkatesh, Chief Manager (Projects), BHAGYANAGAR GAS LIMITED, located at 2nd Floor, Parishrama Bhavan, Basheer Bagh, Hyderabad-04, to execute, supervise, acknowledge and deliver all the documents, letters, agreements as are required for the purpose of permission from NHAI.

Hereunder we authorizing and attesting the signature of Shri.Ravi Shekhar, Dy.Manager (Projects & O & M), BHAGYANAGAR GAS LIMITED (Project Office), located at APSRTC Old Bus Depot, Governorpet-II, Vijayawada-520 002.

RAVI SHEKHAR

DY.MANAGER (Projects & O & M)
BHAGYANAGAR GAS LIMITED (PROJECT OFFICE)
APSRTC Old Bus Depot
Governorpet-II, Vijayawada-520 002.

Shri G.A.Venkatesh

Chief Manager (Project)
Bhagyanagar Gas Limited
2nd Floor, Parishrama Bhavan,
Basheer Bagh, HYDERABAD-04



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

Sl. No. 17276 Dt. 16/11/2018 Rs. 20/-

16 NOV 2018

68AA 875049

J. VINATHI

LICENCED STAMP VENDOR

O.L.No. 96/2314, RL.No. 96-27-026/2018

Valid up to 31-12-2020

26-3-4, Sivaranjani Complex,

N R P. Road, Gandhinagar, Vijayawada.

Cell: 97051 23555

I to S: Ravi Shekhar S/o Ramakrishna Roy
For Whom: Bhagya Nagar Gas Limited. VJA

Undertaking for submission of Performance Bank Gurantee

M/s Bhagyanagar Gas Limited ,TSIDC Building Parishram Bhavan, Basheerbagh, Hyderabad-500004
Do hereby undertake to furnish a performance Bank Gurantee @ Rs.100 per route meter for a period of one year initially (Extendable if required till satisfactorily completion of work.It is security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installation/utility services & interference ,interruption,distrupction or failure caused thereof to any services etc. In case,M/s Bhagyanagar Gas Limited failing to discharge the colligation of making good the damages caused due to excavated trench, the NHAI shall have a right to make good the damages caused due to excavation at the cost of M/s Bhagyanagar Gas Limited under cover the amount by invoking the bank Gurantee.In casethe work contemplated is not completed to the satisfaction of NHAI which has granted the permission, within a period of 11 months from the date of issue of Bank Gurantee,M/s Bhagyanagar Gas Limited shall either furnish a fresh Gurantee ot extend the Gurantee for a further period of one year.

Bhagyanagar Gas Limited

Ravi Shekhar

Authorized Signatory

RAVI SHEKHAR

Dy. Manager Projects & O&M

BHAGYANAGAR GAS LIMITED,

VIJAYAWADA-520 002.

PETROLEUM AND NATURAL GAS REGULATORY BOARD

1st Floor, World Trade Centre, Barakhamba Road, Babar Lane, New Delhi-1
Tel No: 011- 23457700/23457744/23457751

File No: S-Infra/II/1/2008-Vol.II-Vijaywada

Dated: July 28th, 2009

Managing Director
Bhagyanagar Gas Limited
Parishram Bhawan, APIDC
Building Basheer Bagh
Hyderabad-500004

28/7/09

Subject: - Acceptance of Central Government Authorization to M/s Bhagyanagar Gas Limited (M/s BGL) for Vijaywada CGD Network.

Sir,

This has reference to our letter No: PNGRB/08 Dated 22.10.08 and all other correspondence on this subject including your letter No: Nil dated July 25, 2009 wherein you have submitted Performance Bank Guarantee for Vijaywada CGD Network vide BG No: PBG 3/2009 Dated 25th July 2009 for an amount Rs 4,00,00,000 (Rupees Four Crores). The Petroleum & Natural Gas Regulatory Board in view of the authorization given by the Central Government vide letter Ref: 16019/05/08-GP dated July 9th, 2008, hereby grants exclusivity for 5 years from the date of issue of Performance Bank Guarantee to M/s BGL for Vijaywada CGD Network as requested by BGL vide letter No: letter No: Nil Dated 18th July, 2008, subject to the terms and conditions mentioned below:

- 1) M/s BGL shall abide by the provisions of the PNGRB Act, 2006 and relevant regulations including amendments thereof and regulations, if any, framed from time to time.
- 2) M/s BGL shall abide by the Technical Standards and specifications including Safety Standards (T4S) for, city and/or Local Natural Gas Distribution Networks Regulations 2008 including the Emergency Response & Disaster Management Plan (ERDMP).
- 3) The BGL shall abide to Quality of Service standards as per regulations framed under PNGRB Act, 2006.
- 4) M/s BGL shall abide by the regulations covering exclusivity for marketing of gas from the purview of Contract Carrier & Common Carrier as specified in the Petroleum and Natural Gas Regulatory Board (Exclusivity for City or Local Natural Gas Distribution Network) Regulation, 2008
- 5) The Geographical Area & Charge Area accepted for CGD Network Authorization for Vijaywada GA is as per submitted map duly signed by M/s BGL & PNGRB (Copy enclosed). The project milestones for the above CGD Network development shall be as per Annex-1.

Violation of any condition/conditions mentioned in clauses 1 to 5 shall be treated as default and shall be dealt as per the provisions of the PNGRB Act, 2006.

M/s BGL shall submit the Network Tariff and Compression Charge for CNG as per the Petroleum & Natural Gas Regulatory Board (Determination of Network Tariff for City or Local Natural Gas Distribution Networks and Compression Charge for CNG) Regulations, 2008 for the approval of the Board separately within 30 days of the issue of this letter.

The receipt of this letter may please be acknowledged.

Encl: a/a



Yours faithfully,
Ratan P. Wata
(Ratan P. Wata)
Secretary, PNGRB

Mile Stones for Geographical Area

1. Geographical Area: VIJAYAWADA

2. Charge Areas: As defined in the enclosed Map.-I

3. Year wise Domestic PNG Connections Commitment during the Exclusivity Period of 5 Years:

	Existing upto 31.03.09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14
Year Wise connections (Nos.)	NIL	500	19500	24900	25500	26867
Cumulative Connections (Nos.)	NIL	500	20000	44900	70400	97267

4. Year wise Steel Pipeline length commitment during the Exclusivity period of 5 Years:

	Existing upto 31.03.09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14
Steel Pipeline Length (Inch-KM)	NIL	18	377	240	NIL	NIL

5. Year wise Compression Capacity commitment during the Exclusivity Period of 5 Years:

	Existing upto 31.03.09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14
Year Wise CNG Compression Capacity (Kgs/Day)	47000	36000	54000	54000	36000	0
Cumulative CNG Compression Capacity (Kgs/Day)	47000	83000	137000	191000	227000	227000

- Non Achievement of any of the above project milestones shall lead to revocation of the specific performance Bond Bank Guarantee.
- The period of exclusivity shall start from the date of issue of specific performance Bank Guarantee. The project Milestones as mentioned above shall be on year to year basis from the date of issue of PBG.



पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
Petroleum & Natural Gas Regulatory Board
ग्राम नल, नवदिल्ली-110001
1st Floor, World-Trade Centre
बायर रोड, नई दिल्ली-110001
-Road, New Delhi-110001

HDD METHODOLOGY

Pre Construction Survey

BGL will carry out a pre construction survey along the width of the crossing and prepare a construction drawing accordingly. During pre-construction survey existing underground facilities if any will be located and protected.

After completion of Pre-construction survey a detailed drawing & Design calculation will be prepared with all relevant data such as elevation, levels etc.

Design & Engineering

Based on site conditions, survey drawing, equipment & installation technique the limits of each crossing will be determined. The minimum cover of the pipeline after crossing will be maintained as per approved drawings.

If any underground facilities like pipeline, cable etc. are encountered during survey, the same will be crossed with a minimum clearance of 500 mm from the buried utilities or as required by authorities having jurisdiction. The entry & exit point of the section will be fixed on ground level as per approved drawings. Calculation for determining the maximum permissible overburden on pipe to check that the empty pipeline is safe from collapse at any points in the drilled crossing section will be submitted to MECON/BGL for approval. Calculation will be made to determine the stresses & power requirements considering following facts

- Back - reamed diameter.
- Bentonite density
- Pipeline submerged weight in bentonite

Minimum allowable elastic bend radius will be calculated considering the following conditions.

- The maximum longitudinal stress due to tension & bending in the pipeline section will not exceed 90% of SYMS of the pipe material.
- The combined equivalent stress in the pipeline section due to bending & hydro-test will not exceed 90% of SYMS of the pipe material.
- Maximum permissible equivalent stress during service as per the pipeline operating parameters.

Pipeline configuration

Construction drawing will be prepared with levels, profiles, entry angle, exit angle, radius of bend, total length, and maximum tension required on the pull head of the rig etc. All the works will be carried out in accordance with the approved construction drawings only.


RAVI SHEKHAR
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

Construction :

BGL will comply with all the conditions and requirements issued by authorities having jurisdiction in the area where the work is to be performed.

Installation procedure

BGL will carry out the installation procedure before commencing any work at site comprising of project organization chart, details of equipment, hydrostatic test procedure, method of installation, calculations, time schedule etc.

String Preparation

Pipe string will be prepared as a single one for pulling. Welding, Radiographic inspection of joints and field joint coating of the string will be done in accordance with the respective applicable procedures.

Pre-Testing

The complete pipe string will be hydrostatically pre-tested as per the approved procedure. All the welds and pipes will be checked for leakage and the failure if any will be rectified and the hydro test will be repeated after rectification.

After successful completion of pre-hydro testing, the joint coating of the joints will be carried out as per HDD crossing joint coating procedure.

Site Preparation

The centerline of the crossing will be marked and stacked properly.

The HDD machine centerline will be marked with respect to survey.

A pit will be opened for collecting the used bentonite slurry & cuttings which will be further connected to the entry point.

Entry & Exit points will be prepared for easy approach and movement of equipment & manpower.

Pipe section will be placed over rubber lined rollers to avoid any coating damages during pulling operation.

HDD Drilling Operation

The Drill Rig will be anchored in position at entry side.

Drilling operation will start with Pilot drilling. During drilling operation the high-pressure bentonite slurry will be pumped through the drill bit and the drilling is to be carried out continuously equivalent to one length of drill pipe. A new length of drill pipe will be added at the end of each finished drill pipe.


RAVI SHEKHAR
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

The line of drilling will be monitored using tracker system, the sensing unit fixed at the rear of the steering tool. The sensing unit transmits the location of the drill bit back to the tracking unit on the surface. The information will be conveyed to the driller for the necessary corrective action if any.

Once the drill bit exits at the exit point of the drill hole, the drill bit, steering tools etc. will be detached and reamer will be attached to the drill steering. During the reaming process betonies slurry will be pumped under high-pressure through the reamer. As the reamer is pulled back by the drill rig, drill pipes will be attached continuously behind the reamer for the subsequent reaming and pipe pulling operations. The reaming operation will be repeated to achieve the required size of the hole.

Exit point offset of the pilot hole from the theoretical exit point will be maintained as less than 0.5% of string length.

Length tolerance will be controlled within 1% of crossing length.

The size of the back reamed hole will be maintained approximately at 1.5 times the pipeline diameter.

Pulling

A pull head will be welded with the hydro tested pipe section.

The pull head will be connected to the drill rig.

It will be ensured that the pipe section is longer than the drilled hole.

The pipe string is then pulled from the exit point to entry point by using rig.

During pulling, buoyancy of the pipeline will be controlled by suitable method so as to maintain the buoyancy as close as possible to zero during pull back.

Betonies slurry of specified viscosity will be pumped into the hole to prevent hole from collapsing & protect the coating.


Integrity of the corrosion coating

Before pull back operation, meager test will be done for the entire pipeline string made for the crossing. After pull back operation, again meager test will be done for the installed string before tie-in with the mainline. The observed meager value before and after pulling has to be almost same. However if the integrity of coating cannot be established by the above method, temporary impressed current system will be set up and current density will be calculated to establish the integrity.

Post Hydro-test

After installation, the complete string will be hydrostatically tested for 24 Hrs.

Final Clean up


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VIJAYAWADA-520 002.

After completion of HDD operations, the site will be cleared off all balance materials, debris & betonies slurry.

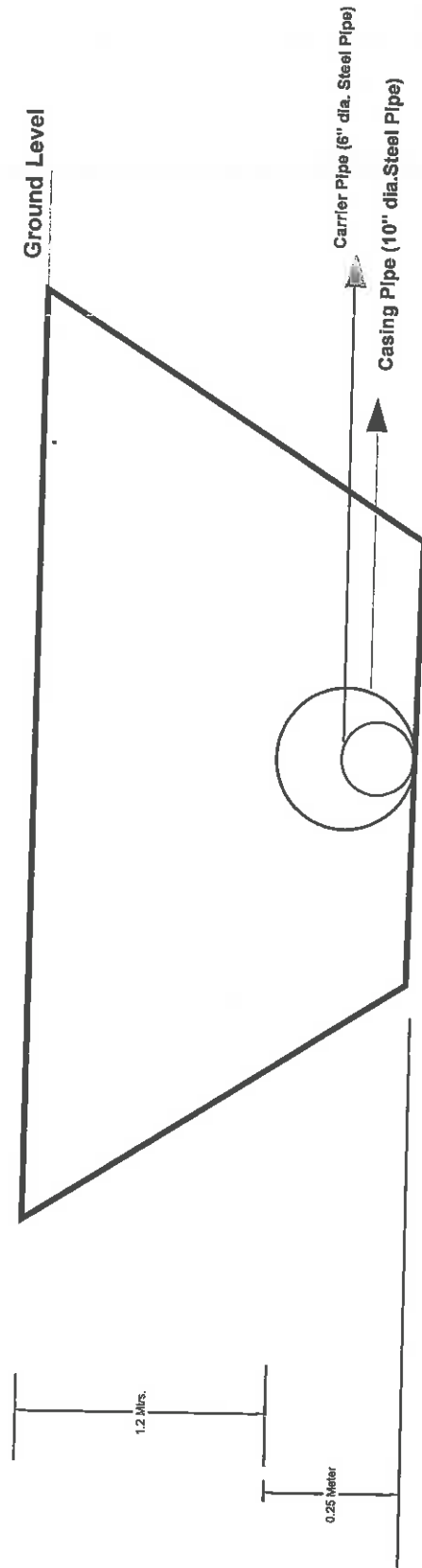
5.0 Health, Safety & Environment:

- Proper barricading has to be done for this work
- PPE is a must in this activity
- Machine operator involved shall be an experienced person.
- It is to be noted that the special care to be adopted against snake / insects bite.
- Only trained rigging personnel to be deployed for this activity.
- All Measuring & Test Equipment used shall be well maintained.

All lifting devices & Tolls used shall be well maintained


RAVI SHEKHAR
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

Methodology of Laying 6" dia. Proposed Steel Pipe Line



Carrier Pipe Specification : 6" Dia. Steel Pipe

Ravi Shekhar

RAVI SHEKHAR

Dy. Manager Projects & O&M

SHRI CHANDRASEKHAR S.A.S. LIMITED,

VIJAYAWADA-520 002.

6/12/18
Project Director
NHAI, PTU, VIJAYAWADA



**GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
AN ISO 9001:2008 CERTIFIED MINISTRY**

S&R(R) ZONE

**IAHE Campus,
A-5, Sector-62,
Noida-201301.**

F. No. RW/NH-33044/29/2015/S&R(R)

Dated: 22nd November, 2016

To,

1. The Chief Secretaries of all the State Governments/ UTs
2. The Principal Secretaries/ Secretaries of all States/ UTs Public Works Department dealing with National Highways, other centrally sponsored schemes.
3. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs dealing with National Highways, other centrally sponsored schemes.
4. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110 010.
5. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
6. The Managing Director, NHIDCL, PTI Building, New Delhi-110001

Subject: Accommodation of Public and Industrial Utility Services along and across National Highways – Policy guidelines regarding.

Sir,

The Government has realized that development of infrastructure across the Country on a sustainable and integrated manner continues to be an imperative for improving the state of economy, enhancing quality of life of the citizens and ensuring equitable development throughout the country.

Land being among the most precious of natural resources available, optimum utilization of land shall play a critical role in integrated development of infrastructure. One of the ways to effect such optimum utilization is leveraging land within National Highway (NH) Right of Way (ROW) for laying utility services. This may be achieved through granting permissions for laying utility services along and /or across the ROW. However, environment and safety of the road users are the prime factors in deciding permission for utility services. Permission may be denied, if it is not feasible to ensure safety and environment through requisite safeguards. The Administration of ROW, has been defined in the National Highway Land and traffic Control Act 2002 and relevant Rules 2004.

Keeping in view the need for consistency and clarity, in supersession of all the instructions contained in the earlier previous circulars on the subject, following guidelines shall apply for accommodation of Utility Services along and across National Highways.

2. Laying of Utility Services along the National Highways:

2.1 There shall be a provision for utility ducts for appropriate categories/combination of utilities in the construction of new/4-6 laning of National Highways. The ducts shall be located at appropriate location preferably as close to the extreme edge of ROW.

2.2 Utility services shall be laid in the utility ducts, if provided for the purpose.

2.3 In stretches where utility ducts have not been provided, the utility services shall be located, beyond the toe line of the embankment and drains, as close to the extreme edge of the RoW as possible. While granting permission, requirement of up-gradation also needs to be kept in view.

Mamij Kumar

2.4 It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 metre below the ground level.

2.5 No utility service shall be laid over existing culverts and bridges except through the utility ducts where such provision exists. In case of absence of such provisions, the Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed.

2.6 In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct in such case shall not be less than one lane. In such cases, it also needs to be ensured that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee as per the agreement.

3. Laying of Utility Services across the National Highway:

3.1 The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.

3.2 Existing drainage structures shall not be allowed to carry the lines across.

3.3 The utility services shall cross the National Highway preferably on a line normal to it or as nearly so as practicable.

3.4 The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.

3.5 In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm wider, (but not more than 60 cm wider), than the outer diameter of the utility pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.

3.5.1 Bedding shall be to a depth 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.

3.5.2 The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.

3.5.3 The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the modified 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.

3.5.4 The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.

3.6 When utilities are allowed overhead, the horizontal and vertical clearance in accordance with the IRC shall be maintained.

4. Procedure for processing application for granting permission for use of highway land: Any person who intends to obtain permission shall make an application online in the prescribed form to Highway Administration or an officer authorized by Highway Administration on his behalf. The application must mention details the various safety clearances from the respective authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosives Safety Organization, Oil Industry Safety

Manoj Kumar

Directorate, State/Central Pollution Control Board and any other statutory clearances as applicable, which must be obtained by the Applicant before applying to the Highway Administration.

The application 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). The permission for laying utility services is to be normally granted within 30 days from the day of closure of public objections and claims. If no communication is received from the Highway Administration within 30 days from the day of closure of public objections and claims, the permission shall be deemed to be granted. The initial permission would be valid for a maximum of 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged.

5. Charges for granting licence for use of highway land: For the purpose of license fee/lease rentals, the utilities have been divided into two categories; i) Public utilities and b) Industrial utilities as per the details given in **Annexure I**.

License Fee/lease rentals described below is for Industrial utilities. The license fee for Public utilities shall be 33% of the fee prescribed for Industrial utilities.

5.1 The following methodology shall be followed for license fees/lease rental determination for utility service lines other than localized infrastructure facilities like towers, repeaters and junction boxes).

License Fees (Rs/sq m/ month) = (Utilized NH land area X prevailing Circle Rate of land per unit area) / (10 x 12) where,

Utilized NH land area = Outer diameter/width of the concerned utility line X length

5.2 The following methodology shall be followed for license fees/lease rental determination for utility services such as towers/repeaters/ junction boxes etc.

License Fees (Rs/sq m/ month) = (Utilized NH land area X prevailing Circle Rate of land per unit area) / (10 x 12) where,

Utilized NH land area = Projection of utility on the ground including area of support system/tower

However, for public utilities, area below the support system/tower shall only be charged.

5.3 Fee shall have to be paid in advance for the period for which permission is granted. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.

5.4 A system to redress grievances and to consider relaxation from the guidelines, in exceptional cases, shall be notified separately and shall be effective from the date of notification.

6. All required restoration, maintenance work subsequent to laying of utility services shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. To process for the granting of permission and prior to signing of Lease agreement, a Performance Bank Guarantee for an amount based on per route metre with a validity of one year initially, in the prescribed format (extendable if required till satisfactory completion of work) shall have to be furnished by the utility service provider/ Licencee, as a security against improper restoration of ground in terms of

Mang Kumar

Format for Maintaining Records of Right-of-Way permission granted for laying of Gas Pipe Line

(To be maintained separately for every NH)

1. Name of State
2. Name of PIU of NHAI
3. NH Number

Sr. No.	Location (chainage in km)	Left or right side of NH (towards increasing chainage/km direction)	Section and reach	Kind of service	Name of licensee and contact address	Date of signing of agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MOST standard norms	Remarks
	Between ch. 4+970 to ch. 6+840	RHS Crossing at ch. 5+100 & at ch. 6+100	Vijaynagar section at PH 65	Gas supply for irrigation	Shreejyoti Gas Ltd, Hq. Panvel, Mumbai APDC (Gds), Bhatnagar, Ind - 500016.				570	

Ravi Shekhar

RAVI SHEKHAR
Dy. Manager Projects & O&M
BHAGYANAGAR GAS LIMITED,
VIJAYAWADA-520 002.

5/7/16
Project Director
Project Director
NHAI, PIU, VIJAYAWADA

7/16

filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc.;

Utility services such as pipes etc (rate in per m)

provided in the ducts already provided

Rs 50

<= 300 mm dia/width

Rs 100

> 300 mm dia/width but <=1000 mm

Rs 250

> 1000 mm

Rs 500

Utility services such as towers etc (rate in Rs per sq m)

Rs 100

In case the Licensee fails to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking.

Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the RoW facility.

7. The Authority shall enter into a License Agreement with the respective utility service provider in the format enclosed (**Appendix**) including any other conditions imposed by Highway Administration, to ensure safe and uninterrupted flow of traffic. Post signing of the agreement, the utility service provider shall be designated as 'Licensee' for the purpose of this project and will be authorized to install and operate utility services within the NH RoW. However, utility services shall be made operational by the Licensee only after a completion certificate to the effect is issued by the Highway Administration.

Encls: As above.

Manoj Kumar

(Manoj Kumar)

Executive Engineer(NFSG) (S,R&T) (Roads)
For Director General (Road Development) & SS

Copy to:

1. All Technical Officers in the Ministry of Road Transport & Highways
2. All ROs and ELOs of the Ministry
3. The Secretary General, Indian Roads Congress
4. The Director, IAHE
5. Technical circular file of S&R (R) Section
6. NIC-for uploading on Ministry's website under "What's new"

Copy for kind information to:

7. PS to Hon'ble Minister (RTH&S)
8. PS to Hon'ble MOS (RTH&S)
9. Sr. PPS to Secretary (RT&H)
10. PPS to DG (RD) & SS
11. PPS to SS&FA
12. PS to ADG-I/ ADG-II
13. PS to JS (T)/ JS (H)/ JS (LA&C)/ JS (EIC)

Public Utility provider and Industrial infrastructure

A. Public Utility Provider

A **Public Utility Provider** in context of this Guideline shall mean any organization that provides and maintains the infrastructure for a public service like electricity, gas, water supply, telecom cables and sewage disposal subject to applicable regulation.

B. Eligible activities for Industrial Units or 'Industrial Infrastructure'

Industrial Infrastructure in context of this Guideline shall mean any physical infrastructure that is required to facilitate industrial operations and is constructed, operated and maintained along/across Right of Way of National Highways. Such infrastructure shall include the following:

- a. Underground & above ground pipelines including provisions for booster pumping facilities, maintenance bays and other required support infrastructure for transport of legally permitted materials for industrial usage by a business entity having valid license for industrial operations.
- b. Conveyor Belts including provisions for maintenance bays and other required support infrastructure for transport of legally permitted materials, by a business entity having valid license for industrial operations.
- c. Power cables/wires etc. meant for industrial usage by a business entity having valid license for industrial operations.
- d. Any other such associated industrial infrastructure facility.



REGISTRATION & STAMPS DEPARTMENT

GOVERNMENT OF ANDHRA PRADESH



Joint Secretary (Registration & Stamps)

Director, Registration & Stamps

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UNIT RATES - LOCALITY WISE

District Name		KRISHNA	Mandal Name				PENAMALURU		
City/Town/Village		TADIGADAPA							
S.No.	Ward-Block	Locality	Land Rate Rs. per Sq.Yard	Composite Rate Rs. Per Sq.Ft.			Classification	Effective Date (dd/mm/yyyy)	Door No. Wise Details Rates
				Ground Floor	First Floor	Other Floors			
1.	1 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
2.	1 - 0	REST ALL-1#1 to 180	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
3.	2 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
4.	2 - 0	REST ALL-1#1 to 177	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
5.	3 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
6.	3 - 0	REST ALL-1#1 to 180	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
7.	4 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
8.	4 - 0	REST ALL-1#1 to 168	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
9.	5 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
10.	5 - 0	REST ALL-1#1 to 266	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
11.	6 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
12.	6 - 0	REST ALL-1#1 to 169	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
13.	7 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
14.	7 - 0	REST ALL-1#1 to 208	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
15.	8 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
16.	8 - 0	REST ALL-1#1 to 288	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
17.	9 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
18.	9 - 0	REST ALL-1#1 to 179	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
19.	10 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
20.	10 - 0	REST ALL-1#1 to 146	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
21.	11 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
22.	11 - 0	REST ALL-1#1 to 50	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
23.	12 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
24.	12 - 0	REST ALL-1#1 to 11	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
25.	13 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
26.	13 - 0	REST ALL-1#1 to 12	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
27.	14 - 0	NEW LAYOUT-1	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get
28.	14 - 0	REST ALL-1#1 to 3	9,400	1,700	1,700	1,700	01(Residential)	01/08/2017	Get

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Note :

1. This is provisional information as per records maintained by registration department for the purpose of helping the registering public to estimate the stamp duty