



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED

(M.P. STATE HIGHWAY AUTHORITY)

(Govt. of M.P. Undertaking)

CIN No: U45203MP2004SGC016758

OFFICE OF THE DIVISIONAL MANAGER, CHAMBAL

Office Campus of Chief Engineer P.W.D., Thatij,ur, Gwalior, Phone: 0751-4042386

Web site: www.mprdc.gov.in, E-mail: chambal-dm@mp.gov.in

Memo No. 2641/NH-92/MPRDC/2024

Chambal, dated 11/03/2024

To,

✓ The Chief Engineer- R.O.
MORT&H, 2nd Floor
Nirman Bhawan, Arera Hills
Bhopal (M.P.)-462011

Sub: - Regarding permission for laying ATGL Natural Gas 4" Steel pipeline NH-92 along the SRF Malanpur to HPCL Kamla Ramsons Station Malanpur approx. 800M and road crossing near by SRF to near vikas IOCL pump and infront of HPCL kamla Ramsons.

Ref:- 1- T.O. letter no. 2285/CGD-AGL/NH-92/MPRDC/2024, Chambal dated 17.01.2024

With reference to above, kindly find enclosed herewith a proposal received from M/s Adani Total Gas Limited, Gwalior to obtain permission for laying Steel Pipeline along NH-92 from SRF Malanpur to HPCL Kamla Ramsons total length is 800M

In this regard M/s Bharti Airtel Limited, Indore has been submitted the proposal according to MoRT&H technical circular no. RW/NH-33044/29/2015/S&R(R) Dated 22.11.2016 & NH-36.94/01/2022-S&R(P&B)(E-208825), Dated 24.04.2023 on norms for granting ROW permission for accommodation of public and industrial utility services along the National Highway.

The proposal has been checked and site inspection conducted by Authorized MPRDC-Chambal official and recommended to accord necessary permission. Following documents are enclosed along with the proposal: -

- 1- Licence Fees amounting to Rs.283490/- through NTRP Portal.
- 2- Bank Guarantee amounting to Rs.86000/- in favour of Divisional Manager, MPRDC-Chambal.
- 3- Bipartite Agreement.
- 4- Layout Plan and methodology showing the proposed location for laying Carbon Steel Pipeline duly signed by authorized signatory.
- 5- Duly filled checklist.
- 6- Certificate for 6 laning from the applicant in the following format-
(i)"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 MPRDC for future four-laning or any other development".

This is in Favour of your information and recommended for approval please.

Encl:- As above.

Divisional Manager

MPRDC Chambal,

Chambal, dated / /2024

Endt.No. /NH-92/MPRDC/2024

Copy to:-

1. M/s M.P. Highways Pvt. Ltd., Gwalior (M.P.) For information.
2. M/s Adani Total Gas Limited, Gwalior for information.

Divisional Manager

MPRDC Chambal,



To

Date-15/02/2024

The Divisional Manager

Chambal, Gwalior

Subject- Submission of all original document regarding application dtd **09.01.2024**

Ref- 2288/CGD-AGL/NH-92/MPRDC/2024 Dtd-17/01/2024

Dear sir,

This is to inform you that we have submitted all original documents (Bharatkosh receipt, BG, and other document) regarding permission for laying ATGL Natural gas 4" steel pipeline NH-92 along the SRF Malanpur to HPCL Kamla Ramsons station Malanpur approx. 800 meters and 2 road crossings.

Regards,



Adani Total Gas Limited


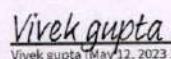
Adani Total Gas Limited
(Formerly known as Adani Gas Ltd)
Shop No.3, Neo Meridian
Gulmohar City Road, Behind New Collectorate Building
Gwalior, Madhya Pradesh, India - 474 011
CIN: L40100GJ2005PLC046553

Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421

AUTHORITY LETTER

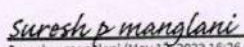
I, the undersigned, Executive Director and CEO of Adani Total Gas Limited having its Registered Office at "Adani Corporate House", Shantigram, Nr. Vaishnodevi Circle, S G Highway, Ahmedabad – 382421 (hereinafter referred to as 'Company') hereby authorize severally (i) **Mr. Rahul Kumar Goel** son of Hari Kishan Goyal, age 39 years, Manager of the Company and (ii) **Mr. Vivek Gupta** son of Dinesh Kumar Gupta, age 41 years, Deputy Manager of the Company to sign & make all applications and correspondences for and on behalf of the Company for seeking all permissions from (i) various Authorities whether Central or State or local village authorities including but not limited to Municipal Authorities, Police, Magistrate, Petroleum and Natural Gas Regulatory Board (PNGRB), Petroleum and Explosive Safety Organisation (PESO), Public Works Department (PWD), National Highway Authority of India (NHAI), forest, Railways, and/or (ii) Govt. departments including irrigation, fire, health, pollution, custom, excise and/or (iii) any Company, Association, Partnership Firm, Society or any other person as may be required from time to time for **Jhansi** (except area already authorized), **Jalaun and Lalitpur** in the State of Uttar Pradesh & **Bhind & Datia** in the state of Madhya Pradesh.

The Authorised Signatories as mentioned above are further authorized severally to sign, verify and submit any application, affidavit, undertaking, correspondence and/or any other documents incidentals, ancillary, related, connected acts and deeds as above as may be required.

Name and Designation of Authorised Signatory	Signature
Mr. Rahul Kumar Goel – Manager	
Mr. Vivek Gupta – Deputy Manager	 Vivek gupta (May 12, 2023 12:14 GMT+5.5)

This Authority Letter is valid up to 31st March, 2024.

For Adani Total Gas Limited


Suresh p manglani (May 12, 2023 16:26 GMT+5.5)

Executive Director & CEO



Adani Total Gas Limited
(Formerly known as Adani Gas Ltd)
Crest 4 & 5, Inspire Business Park
Shantigram, Near Vaishnodevi Circle
S.G. Highway
Ahmedabad-382421, Gujarat, India
CIN: L40100GJ2005PLC046553

Tel +91 79 2754 1988
Fax +91 79 2754 2988
info@adani.com
www.adanigas.com

Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED
(M.P. STATE HIGHWAY AUTHORITY)
(Govt. of M.P. Undertaking)
CIN No: U45203MP2004SGC016758

OFFICE OF THE DIVISIONAL MANAGER, CHAMBAL
Office Campus of Chief Engineer P.W.D., Thatipur, Gwalior, Phone: 0751-4042386
Web site: www.mprdc.gov.in, E-mail:- chambal-dm@mp.gov.in

Memo No. **2285/CGD-AGL/NH-92/MPRDC/2024**

Chambal, dated **14/01/2024**

To,

Adani Total Gas Limited

Shop No. 3, near meridian

Gulmohar city road, behind new collectorate building

Gwalior (M.P.)

Sub:- Regarding Permission for laying ATGL Natural Gas 4" Steel pipeline NH-92 along the SRF Malanpur to HPCL Kamla Ramsons Station Malanpur approx. 800 meters and road crossing near by SRF to Near vikas IOCL pump and infront of HPCL Kamla Ram sons.

Ref:- Your Letter Dated 09.01.2024

With reference to above, vide above referred you have applied for permission for laying City Gas Distribution (CDS) Steel Pipeline on Gwalior-Bhind-Etwah Road (NH-92) from SRF Malanpur to HPCL Kamla Ramsons Station along with Gwalior-Bhind Road. Total length of laying Public Utility- "City Gas Distribution (CDS)" steel Pipeline is 860 Mtr.

In this regard you are requested to submit the proposal according to MoRT&H technical circular No. RW/NH-33044/29/2015/S&R(R), Dated 22.11.2016 & NH-36094/01/2022-S&R(P7B) (E-208825), Dated 24.04.2023 on Norms for granting Right of Way permission for accommodation of Public and Industrial Utility services along and across the National Highways in two copies along with following documents to this office for further action:-

1. Processing fees Amounting to Rs. 10,000/- (Rs. Ten Thousand Only) online through NTRP Portal and submit the receipt of Processing Fees deposition in this office.
2. Submit the Licence fees Amounting to Rs 283490/- (Rs Two Lakh Eighty Three Thousand Four Hundred Ninety Only) online through NTRP Portal and submit the receipt of license fee deposition as per para 5 of the Ministry's Circular dated 22.11.2016. **(Calculation Sheet enclosed)**
3. A Performance Bank Guarantee as per enclosed format, with a validity of one year initially (Extendable if required till satisfactory completion of work) in Favour of **"Divisional Manager, MPRDC, Chambal"** for total length of 860 mtr @ Rs. 100/-per RM, i.e. Rs. 86000/- (Rs. Eighty Six Thousand Only), as per para 6 of the Ministry's Circular dated 22.11.2016. **(Calculation Sheet enclosed)**
4. Applicant should submit 02 copies of Bipartite "Agreement regarding granting of right of way permission for laying utility services on National Highways" on

Connecting People Through quality infrastructure



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED
(M.P. STATE HIGHWAY AUTHORITY)

(Govt. of M.P. Undertaking)

CIN No: U45203MP2004SGC016758

OFFICE OF THE DIVISIONAL MANAGER, CHAMBAL

Office Campus of Chief Engineer P.W.D., Thatipur, Gwalior, Phone: 0751-4042386

Web site: www.mprdc.gov.in, E-mail:- chambal-dmv@mp.gov.in

- Rs. 500/- Non-Judicial Stamp for City Gas Distribution Steel Pipeline in proper format as per the Ministry Circular Dated 22.11.2016.
5. Power of attorney to authorizing the official to execute the agreement.
 6. Layout plan and drawing showing the proposed distance of City Gas Distribution Steel Pipeline from the center of the road, duly signed by the authorized signatory (Each page).
 7. Cross section of pit indicating width, depth & position of City Gas Distribution Steel Pipeline in the pit.
 8. Cross section of each road crossing showing depth of ground level and drilling level below road top level. Road crossing should be done by HDD method only (No any other method is acceptable).
 9. Drawing showing arrangement to cross the CD structures.
 10. Certificate for 4/6 laning from the applicant in the following format:-
"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 MPRDC" for future four-laning or any other development.
 11. In view of the above, if there is any deviation found in fee, it will be payable by your office.

Therefore, It is requested you to submit the complete proposal along with above required documents then it could forwarded to NOC.

It is submitted for your information and necessary action.

Encl:- As above.

Divisional Manager
MPRDC Chambal,

Encl.No. 2289 /CGD-AGL/NH-92/MPRDC/2024

Chambal, dated 17/01/2024

Copy to:-

1. Chief Engineer-Regional Officer, MoRT&H, Nirman Bhawan Bhopal for information.
2. Chief General Managr (Admin) M.P. Road Development Corporation Ltd. Bhopal for information.
3. M/s M.P. Highways Pvt. Ltd., Gwalior (M.P.) For information.

Divisional Manager
MPRDC Chambal,

**Calculation sheet for licence fees required to deposit for
Laying of Public and Industrial Utility services along and across the NH under jurisdiction
of MPRDC**

1. **Name of Project** :- Permission for laying ATGL Natural Gas 4" steel pipeline NH-92

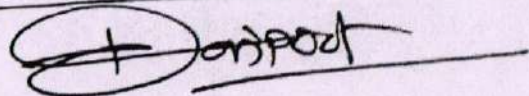
2. **Start Point and End Point of Utility** :- SRF Malanpur to HPCL Kamla Ramsons Station

3. **Total Length** :- 860Mtr.

4. **No. of villages/Towns through which Utility is passing** :-01

5. **Details for calculation of License fee** :-

Formula for Calculation of License fee :-										
Sr.N o.	Utility Details	Stretch (Rural/ Urban)	Village/ Town	District	Length (M)	Width (M)	Area (sqm)	Applicable Rates (Rs./Sqm)	Utilized SH/MDR/NH land area x Prevailing circle rate of land per unit area	License fee for public utility = (Utilised NH land area x Prevailing circle rate of land per unit area x 1.5% per anum) (Minimum of 10000 per anum)
A	B	C	D	E	F	G	H	I	J	K
1	Natural Gas 4" steel pipeline	Urban	SRF Malanpur to HPCL Kamla Ramsons Station	Gwalior	860	0.1016	87.376	28000	2446528	36697.92
TOTAL					860				2446528	36697.92
License fee for 1st year										36697.92
License fee for 2nd year (Subject to minimum of Rs. 10,000/-, or 6% annual increment)										46697.92
License fee for 3rd year (Subject to minimum of Rs. 10,000/-, or 6% annual increment)										56697.92
License fee for 4th year (Subject to minimum of Rs. 10,000/-, or 6% annual increment)										66697.92
License fee for 5th year (Subject to minimum of Rs. 10,000/-, or 6% annual increment)										76697.92
Total										283489.6
Total License Fee for 05 Years										283490
In words :- (RS. Twol Lakh Eighty Three Thousand Four Hundred Ninety Only)										
Calculation of Performance Bank Guarantee as per the circular :-										
Performance Bank Guarantee for <=300mm dia/Width								Total Length x Rs. 100/- per running meter		
Total amount of Performance BG.(In Rs.)								86000		
In Words :- (RS. Eighty Six Thousand Only)										





bharatkosh.gov.in

Government of India Receipt Portal

RECEIPT

Transaction Ref.No. 0802240025119

Dated: Feb 8 2024 3:17PM

Received from M/S. ADANI TOTAL GAS LIMITED with Transaction
Ref.No. 0802240025119

Dated Feb 8 2024 3:17PM the sum of INR 10000 (Ten Thousand Only)
through Internet based Online payment in the account of

License fee for laying of utility services, , ATGL -PROCESSING FEE MPRDC
MALANPUR.

**Disclaimer:- This is a system generated electronic receipt, hence no physical signature
is required for the purpose of authentication**

Printed On: 08-02-2024 04:11:21



Courtesy :- Controller General of Accounts



bharatkosh.gov.in

Government of India Receipt Portal

RECEIPT

Transaction Ref.No. 0802240026337

Dated: Feb 8 2024 3:29PM

Received from M/S. ADANI TOTAL GAS LIMITED with Transaction
Ref.No. 0802240026337

Dated Feb 8 2024 3:29PM the sum of INR 283490 (Two Lakhs Eighty-Three
Thousand Four Hundred Ninety Only) through Internet based Online payment
in the account of

License fee for laying of utility services, , License fee MPRDC Malanpur.

**Disclaimer:- This is a system generated electronic receipt, hence no physical signature
is required for the purpose of authentication**

Printed On: 08-02-2024 04:10:02



Courtesy :- Controller General of Accounts

Date: 24-01-2024
Ref: 0024NDLG00342924

To,
DIVISIONAL MANAGER, MPRDC, CHAMBAL,
OFFICE CAMPUS OF CHIEF ENGINEER P.W.D.,
THATIPUR GWALIOR

GWALIOR
MADHYAPRADESH
INDIA
474011

Sub: Issuance of Bank Guarantee

Dear Sir/Madam,

Please find enclosed Bank Guarantee issued by ICICI Bank Limited ("ICICI Bank") favoring yourself on behalf of: ADANI TOTAL GAS LIMITED, 8 FLOOR, HERITAGE BUILDING, NEAR GUJARAT, VIDHYAPITH USMANPURA, AHMEDABAD, GUJARAT, INDIA, 380014 ("Bank Guarantee") with the tenor and claim period as requested by you. For ease of reference the details have been reproduced as below:

Bank Guarantee No. & Date of Issue	Expiry Date	Claim Expiry Date	Currency	Amount of Bank Guarantee
0024NDLG00342924 24-01-2024	31-12-2024	31-12-2024	INR	86,000.00

We confirm that the officials who have signed the above Bank Guarantee are authorized to sign such documents on behalf of ICICI Bank. You may verify genuineness of the Bank Guarantee by writing to us at bgconfirmation@icicibank.com for receiving the confirmation over email.

Alternatively, you may also write to the following address to verify the genuineness of the BG :

ICICI Bank Limited, Trade Finance Operations Group,
ICICI Bank Towers, Survey No.115/27, Tower 3, South Wing, 6th Floor,
Plot No. 12, Nanakramguda, Serilingampally, Hyderabad - 500032, Telangana

In the event of invocation, we request you to please ensure compliance with the terms and conditions of the Bank Guarantee in order to ensure timely payment. You are requested to ensure special care inter alia with respect to the following in the invocation claim letter -

- Bank Guarantee Number
- Expiry/Claim Expiry date
- Claim Amount
- Designated Bank branch for submission of invocation claim
- Any declaration / certification that may be required as part of the guarantee text.
- Any other requisite document including the original Bank Guarantee.

Please note that ICICI Bank shall not be liable under the Bank Guarantee post expiry of the claim period as requested by you.

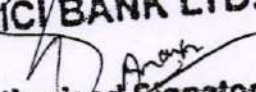
Thanking you,

Yours faithfully,

For ICICI Bank Limited
Authorized Signatory

ICICI BANK LTD.

Authorized Signatory
SANKET DAVE
90033856

ICICI BANK LTD.

Authorized Signatory
AMAN BAGHEL
840774

ICICI Bank Limited
JMC House,
Opp. Parimal Gardens,
Off C. G. Road, Ambawadi,
Ahmedabad - 380 006,
Gujarat, India.

Website www.icicibank.com
CIN : L65190GJ1994PLC021012

Regd. Office : ICICI Bank Tower, Near Chakli Circle,
Old Padra Road, Vadodara 390 007,
India.
Corp. Office : ICICI Bank Towers, Bandra-Kurla
Complex, Mumbai 400051, India.



IN-GJ09331769989372W



सत्यमेव जयते

INDIA NON JUDICIAL
Government of Gujarat
Certificate of Stamp Duty

Certificate No. : IN-GJ09331769989372W
Certificate Issued Date : 09-Jan-2024 08:59 PM
Account Reference : CSCACC (GV)/ gjcsceg07/ GJ-AHTHA1120/ GJ-AH
Unique Doc. Reference : SUBIN-GJGJCSCEG0739919700356775W
Purchased by : ICICI BANK LIMITED
Description of Document : Article 5(h) Agreement (not otherwise provided for)
Description : BANK GUARANTEE
Consideration Price (Rs.) : 0
(Zero)
First Party : ICICI BANK LIMITED
Second Party : Not Applicable
Stamp Duty Paid By : ICICI BANK LIMITED
Stamp Duty Amount(Rs.) : 300
(Three Hundred only)

This Stamp Papers Forms an integral part of
Issuance/Amendment to Bank Guarantee
no. 0018812864 attached herewith

Date : 24-01-2024
Place : Ahmedabad



ICICI BANK LTD.

888888
Authorised Signatory
SANKET DAVE
90033856



ICICI BANK LTD.

Am
Authorised Signatory
AMAN BAGHEL
840274

0018812864

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.sholestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate
3. In case of any discrepancy please inform the Competent Authority

Sr.No. 1416551

BANK GUARANTEE
ICICI Bank Limited
(Incorporated in India)

BG Number: 0024NDLG00342924
Issuance Date: January 24, 2024



- 1 Bank Guarantee No.:0024NDLG00342924
- 2 Amount of Guarantee : INR 86000/-
- 3 Date of Issue: 24-01-2024
- 4 Date of Expiry: 31-12-2024
- 5 Last date for lodgement of claim : 31-12-2024

6 **BANK GUARANTEE**

- 7 To,
- 8 Divisional Manager MPRDC, Chambal,
- 9 Office campus of Chief Engineer P.W.D.
- 10 Thatipur Gwalior Madhya Pradesh 474011.

11 Whereas Adani Total Gas Ltd. (Formerly known as Adani Gas Limited) 8th Floor, Heritage
12 Building, Nr. Gujarat Vidhyapith, Ahmedabad 380 014 (hereinafter called The Licensee) has
13 undertaken to execute digging PITS and laying PE Gas Pipeline Network through Boring HDD
14 crossing 2 Locations and along the road for connectivity of Commercial, Domestic Customers
15 and AEO Loping and installation of Valve Chambers in Gwalior - Bhind Road (Malanpur
16 Industrial area) 860 Mtrs. as per details in your demand letter.

17 And where as it has been stipulated by you in the said Road opening permission letter that
18 the licensee shall furnish you with a bank guarantee by a nationalized / scheduled bank of
19 India for the sum specified their in as a security for compliance with his obligations in
20 accordance with the digging PITS and laying Steel Gas Pipeline Network through Boring/HDD
21 crossing 2 Locations and along the road for connectivity of Commercial, Domestic Customers
22 and AEO Loping and installation of Valve Chambers in Gwalior- Bhind district (Malanpur
23 Industrial area) 860 Mtrs. as per details in your demand letter.

24 Whereas, We ICICI Bank Ltd, a schedule bank in India incorporated under the Provisions of
25 the Companies Act, 1956 and having its registered office at ICICI BANK LIMITED, Near Chakli
26 Circle, Old Padra Road, Vadodara-390 007, India and having a branch office at ICICI Bank
27 Ltd., Transaction Banking, 2nd Floor, JMC House, Opp. Parimal Garden, Ambawadi,
28 Ahmedabad - 380006, hereby irrevocably and unconditionally undertake and guarantee
29 payment to Divisional manager forthwith on demand being made by MPRDC in writing
30 without demur any and all monies anywise payable by the company, as may be specified in
31 the notice of the demand made by the MPRDC to the bank up to an aggregate sum of
32 Rs.86000/- (Rs. Eighty-six thousand only).

Page 1 of 2

The beneficiary may, in its own interest, verify the genuineness of the bank guarantee by seeking confirmation of its issuance from a branch of ICICI Bank other than the issuing branch.

Regd. Office: ICICI Bank Ltd., ICICI Bank Tower, Near Chakli Circle, Old Padra Road, Vadodara, Pin code- 390 007, Gujarat
Phone : +91-265-6722286, CIN L65190GJ1994PLC021012

ICICI BANK LTD.

88222
Authorised Signatory
SANKET DAVE
90033856

ICICI BANK LTD.

Authorised Signatory
AMAN BAGHEL
840774

Sr.No. 1416552

BANK GUARANTEE
ICICI Bank Limited
(Incorporated in India)

BG Number: 0024NDLG00342924
Issuance Date: January 24, 2024



33 Now thereof we hereby affirm that we are the guarantor and responsible to you on behalf of
34 the licensee, up to a total of Rs. 86000/- (Rs. Eighty-six thousand only). such sum being
35 payable in the types and proportions of currencies in which the road opening charges is
36 payable, and we undertake to pay you, upon your first written demand and without cavil or
37 argument, any sum or sums with in the limits of Rs 86000/- (Rs. Eighty-six thousand only). as
38 aforesaid without your needing to prove or to show grounds or reasons for your demand for
39 the sum specified therein.

40 We hereby waive the necessity of your demanding the said debt from the licensee before
41 presenting us with the demand.

42 We further agree that no change or addition to or other modification of the terms of the road
43 opening or of the works to be performed there under or the terms of the road opening
44 documents which may be made between you and the licensee shall in any way release us from
45 our liability under this guarantee and we hereby waive notice of any such change, addition or
46 modification.

47 This Guarantee is Valid for 10 Months from the date of issue by the Bank, i.e., till 31-12-2024

48 The liability of the Guarantor under this Guarantee shall not exceed Rs 86000/- (Rs. Eighty-six
49 thousand only) (the Guarantee Amount).

50 This Guarantee shall be valid up to 31.12.2024 (the Expiry Date).

51 Notwithstanding anything to the contrary contained herein, no obligation of the Guarantor to
52 pay any amount under this Guarantee shall arise prior to the fulfilment of the following
53 conditions precedent:

54 (a) written claim/demand(s) in terms of this Guarantee of an aggregate amount less than or
55 equal to the Guaranteed Amounts is/are made by the Beneficiary hereunder; and

56 (b) such written claim/demand(s) is/are delivered to the Guarantor on or before the Claim
57 Expiry Date 31.12.2024 at the ICICI Bank branch located at Transaction Banking, 2nd Floor,
58 JMC House, Opp. Parimal Garden, Ambawadi, Ahmedabad 380006.

59 FOR ICICI BANK LIMITED
60 AUTHORISED SIGNATORIES

61 SIGNATURE: _____ SIGNATURE: _____

62 NAME: _____ NAME: _____

63 SIGNATURE CODE: _____ SIGNATURE CODE: _____

Page 2 of 2

The beneficiary may, in its own interest, verify the genuineness of the bank guarantee by seeking confirmation of its issuance from a branch of ICICI Bank other than the issuing branch.

Regd. Office: ICICI Bank Ltd., ICICI Bank Tower, Near Chakli Circle, D. N. Road, Vadodara, Pin code: 390007, LTD at
Phone : +91-265-6722286, CIN L65190GJ1994PLC021012

ICICI BANK LTD

Authorised Signatory
SANKET DAVE
90033856

ICICI BANK LTD

Authorised Signatory
AMAN BAGHEL

CHECK-LIST

Guidelines for Project Directors for processing the proposal for laying of Natural Gas CS pipeline in the land along National Highway No-92

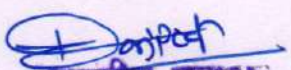
Relevant Circulars

1. Ministry Circular No. NH-41 (58) /68 dated 31.01.1969
2. Ministry Circular No. NH-III/P66/76 dated 18/19.11.1976
3. Ministry Circular No. RW/NH-IIIP /66 /76 dated 11.05.1985
4. Ministry Circular No. RW/NH-11037/86/DOI (ii) dated 28.07.1993
5. Ministry Circular No. RW/NH-11037/86/DOI dated 19.01.1995
6. Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999
7. Ministry Circular No. RW/NH-330231/19/99-DOM-III dated 17.10.2003
8. Ministry Circular No. RW/NH-33044/29/2015/S&R® dated 22.11.2016

Check list for getting approval for laying of Natural Gas CS pipeline in the land Along National Highway No-92

Sr.No	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant /	M/s Adani Total Gas Limited, Shop No. Agency Ground Floor, New Meridian, Gulmohar City Road, Behind New Collectorate Building, Gwalior. Madhya Pradesh-474011	
1.2	National Highway Number	NH-92 719	
1.3	State	Madhya Pradesh	
1.4	Location	Malanpur Bhind	
1.5	(Chainage in km)	Along NH-92 Right Side km (From Ch.- 24+700(SRF Chouraha Malanpur to Ch.- 25+360 Km (Crossing to HPCL Kamla Ramsons Malanpur) Across NH- 92 719 1. Km Ch. 24+700 (Vikas Bhawan , Near IOCL Vikas) 2. Km Ch. 24+300(SRF Chouraha)	
1.6	Length in Meters	Right Side Along NH-92 0.650km	



MANAGER
 MPRDC, CHAMBAL

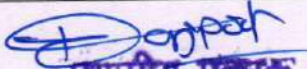

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 चम्बल संभाग ग्वालियर



		Across NH-92 0.060km(Infront of HPCL Kamla Ramsons Pump Malanpur) Across NH-92 0.060km(SRF to Near Vikas ICOL Pump Malanpur)	
1.7	Width of available ROW in both side		

	Right side from center line towards increasing chainage/km direction	22.5-30	
	Left side from center line towards increasing chainage/km direction	22.5-30	
1.8	Proposal to lay underground Natural CS & MDPE pipeline	NHAI	
	Right side from center line towards increasing chainage/km direction	22.5-30	
	Left side from center line towards increasing chainage/km direction	22.5-30	
1.9	Proposal of acquire land		
	(a) Right side of center line	N.A.	
	(b) Left side of center line	N.A.	
1.10	Whether the proposal in the same side where land is not to be acquired	No acquisition of land required	
	If not, then where to lay the pipeline	Along and across the national highway	
1.11	Details of already laid services, if any, along the proposed route		
1.12	No. of lanes 2/4/6/8 existing	2 lanes	
1.13	Proposed number of lane (2lanes with paved shoulder 4/6/8 lanes)		
1.14	Service road existing or not		
	If yes, then which side	Yes	
	(a) Left side from the center line	Yes	
	(b) Right side from the center line	Yes	
1.15	Proposed service road		
	(a) Left side from center line	-	
	(b) Right side from center line	-	

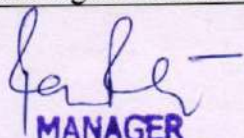

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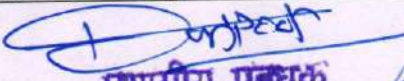

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1.16	Whether proposal to lay gas pipeline is after the service road or between the service road main carriageway	After the service road	
1.17	The permission for laying of gas pipeline shall be considered for approval/ rejection based on the Ministry Circular mentioned as above.		

	(a) Carrying of Gas pipeline on Highway bridges shall not be permitted as gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of gas	N.A.	
	(b) Carrying of gas pipelines on bridges shall also 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 in finalized they may be permitted to carry the pipeline on independent super structure supported on extended portion of piers and abutments in such a manner that in the final arrangement enough free space around the super structure of the bridge remains available for inspection and repairs etc.	N.A.	
	(c) Cost of required extension of the substructure as well as that of the supporting super structure shall be borne by the agency-in-charge of the utilities.	N.A.	
	(d) Services are not being allowed indiscriminately on the parapet/ any part of the bridges; safety of the bridge has to be kept in view while permitting various services along bridge. Approvals to be accorded in this regard with the concurrence of	N.A.	


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	the Ministry's Projects Chief Engineers only.		
1.18	If crossing of the road involved	YES	
	If yes it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expensed of the agency owning the line	YES	
	(a) Existing drainage structures shall not be allowed to carry the lines	YES	
	(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	YES	
	(d) The casing pipe (or conduit pipe in case of electric/OFC cable) carrying the utility line shall be of steel, case iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	YES	
	(e) Ends of the casing/conduit pipe shall be sealed form the outside, so that it does not act as drainage path.	YES	
	(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.	YES	
	(g) The top of the casing /conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.	YES	
	(h) Crossing shall be by boring method (HDD) especially where the existing road	YES	

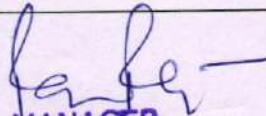
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	pavement is of cement concrete or dense bituminous concrete type		
	(i) The casing /conduit pipe shall be installed with an even bewaring throughout its length and in such a manner as to prevent the formation of a waterway along it.	YES	

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 1.2 m deep x 0.3 wide).	N.A.	
	I. Should be greater than 60 Cm wider than outer diameter of the pipe.	N.A.	
	II. Located as close to the extreme edge of the right-of way as possible but not less than 15 metre from the centre-lines of the nearest carriageway.	N.A.	
	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.	N.A.	
	IV. These should be so laid that their top is least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	N.A.	
2.2	Cross section showing the size of pit and location of pipe for HDD method	Attached	
2.3	Strips plan/Route Plan showing Gas Pipeline, Chain age, width of ROW, distance of proposed, cable from the edge of ROW, important milestone, Intersections, cross drainage work etc.	Incorporated in the drawing.	
2.4	Methodology for Laying of showing Gas pipeline	HDD	


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2.4.1	Open Trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench.	N.A.	
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	a. The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	N.A.	
	b. For filling of the trench. Bedding shall be to a depth of not less than 30 cm. it shall consists 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.	N.A.	
	c. The backfill shall be completed in two stages (i) side fill to the level of the top to the pipes and (ii) overfill to the bottom of the road crust.	N.A.	
	d. The side fill shall consist of granular material laid in 15 cm lavers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Over fill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or pending will not be permitted.	N.A.	
	e. The road crust shall be built to the same strength as the existing crust on either side of the trench; care shall be taken to avoid the formation of a dip at the trench.	N.A.	

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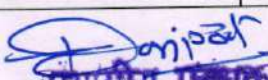
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	f. The Excavation shall be protected by flagman, sings and barricades, and red lights during night hours	N.A.	
	g. If required, a diversion shall be constructed at the expensed of agency owing the utility line.	N.A.	

2.4.2	Horizontal Directional drilling (HDD) Method	YES	
2.4.3	Laying of Gas Supply Pipeline through CD works and method of laying.	YES	
	a. On approaches, the mains/cable shall be water 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 stipulation contained in this Ministry's guidelines issued with letter No. NH-HI/P66/76 dated 19.11.1976	YES	
3	Draft License Agreement signed by two witnesses.	YES	
4	Performance bank Guarantee in favor of NHAH has to be obtained @Rs100/- per running meter (parallel to NH) and Rs100000/-per crossing of NH for a period of one year initially (extendable if required till satisfactory completion of work) as security for ensuring /making good the excavated trench for laying the cables /ducts by proper filling and compaction, clearing Debris /loose earth produced due to execution of trenching at least 50 m away from the edge of the right of way. No payment shall be payable by the NHAH to the licensee for clearing debris /loose earth.		
4.1	Performance BG as per above is to be		


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	obtained		
4.2	Confirmation of BG has been obtained as per NHAI Guidelines.		
5	Affidavit/undertaking from application	YES	
5.1	Not to Damage to other utility, if damaged then pay the losses either to NHAI or to the concerned agency	YES	
5.2	Renewal of Bank Guarantee		

5.3	Confirming all standard condition of NHAI's guideline	YES	
5.4	Shifting of Gas Supply pipeline as and when required by NHAI at their own cost	YES	
5.5	Shifting due to 4 lining/widening of NH	YES	
5.6	Indemnity against all damages and claims clause (xxiv)	YES	
5.7	Traffic movement during laying of Gas supply pipeline to be managed by the applicant	YES	
5.8	If any claim is raised by the Concessionaire, then the same has to be paid by the applicant	YES	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work if installation, shifting or repairs, or alteration to the showing Gas Supply pipeline located in the National Highway right-of-ways	YES	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Gas supply pipeline will be borne by the agency owing the line.	YES	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owing the utility line within a reasonable time (not exceeding 60 days) of the intimation given	YES	
5.12	Certificate from the application in the following format		
	i) Laying of Gas supply pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	YES	

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	For 4- lining "We do undertake that I will relocate service road/approach road /utilities at my own cost notwithstanding the permission granted with such time as will be stipulated by NHA!" for future six-lining or any other development."	YES	
6	Who will sign the agreement on behalf of gas supply pipeline agency?		
7	Certificate from the Project Director		
7.1	1. Certificate for confirming of all standard condition issued vide Ministry circular no NH-41 (58)/68 dated 31.01.1969, Ministry circular no. RW/NH dated 18/111/P/66/76 dated 19.11.1976, Ministry Circular <u>NO.RW/NH-1103/1/86-DOI</u> (ii) Dated 28.07.1993. Ministry Circular No. RW/NH 34066/2/9 S&R dated 25.10.1999 and Ministry Circular No RW/NH- 330231/19/99 dated 17.10.2003. Ministry Circular No.RW/NH-33044/29/2015/S&R* dated 22.11.2016		

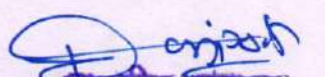
The above particular along with the drawing and documents has been verified and certified as correct as per prevailing site conditions.

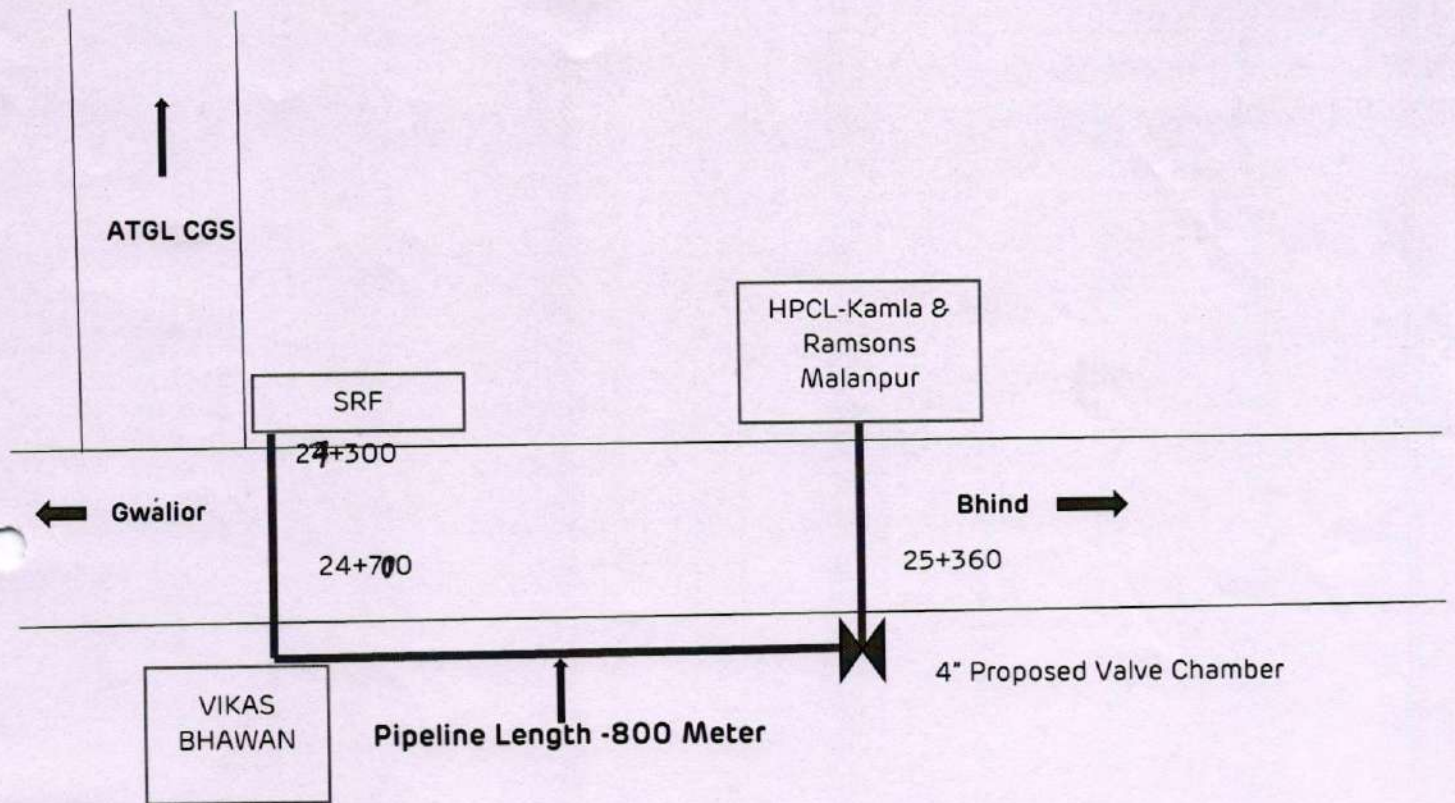


Name Designation & Signature
representative of applicant


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Name Designation & Signature of the
of the Authorized concerned field authority of NHAI


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Certificate

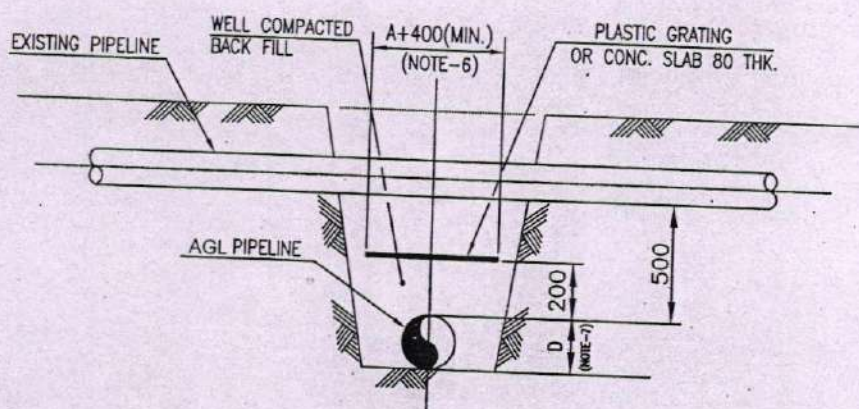
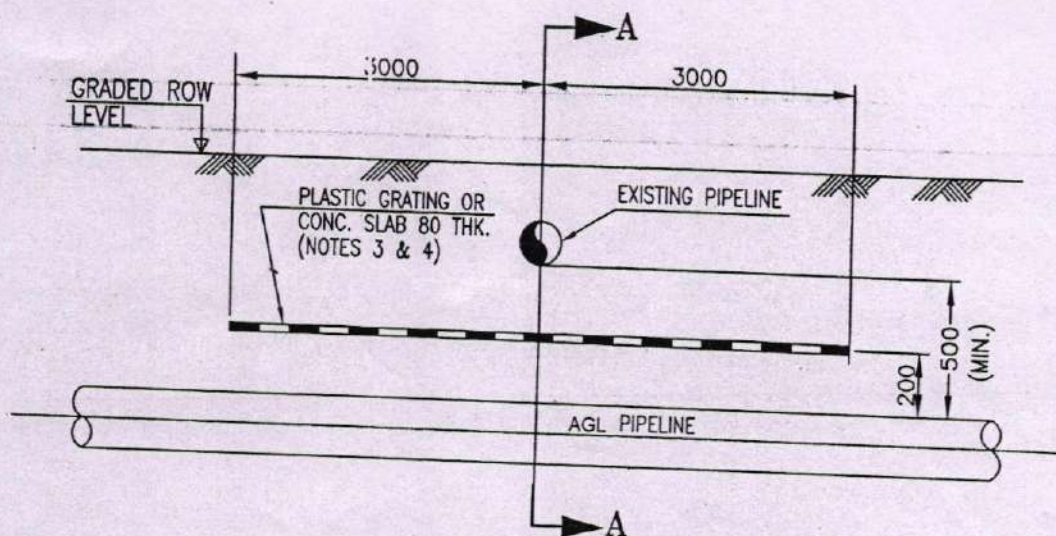
This is certify that proposal and proposed location for laying carbon steel gas pipeline has been reviewed and physically verified by this office and this proposal is :

1. Found in conformity to the requirement set out as per MOR&TH Circular no. RW/NH/33044/17/2005/S&R (R) (PT.) dated 06/07.08.2013 and RW/NH-33044/29/2015/S&R® dated 22.11.2016 recommended for approval or
2. Not found in conformity to the requirement set out as per MOR&TH circular no. RW/NH/33044/17/2005/S&R®(PT.)dated06/07.08.2013andRW/NH-33044/29/2015/S&R® dated 22.11.2016 due to following reasons :

- i).....
- ii).....
- iii).....
- iv).....


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Divisional Manager
MPRDC
लघुम व्हालियस





SECTION A-A

NOTES:-

- 1 ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.
- 2 A MODIFIED PIPELINE WARNING SIGN SHALL BE INSTALLED WHERE THE PIPELINE CROSSES AN EXISTING PIPELINE CARRYING HAZARDOUS FLUID.
- 3 CONCRETE SLAB SHALL BE PCC M15 AS PER IS456 / PLASTIC GRATING SHALL BE 6mm THK.
- 4 PLASTIC GRATING OR CONC. SLAB NEED NOT TO BE PROVIDED BETWEEN AN EXISTING PIPELINE AND A NEW CASED PIPELINE.
- 5 SUITABLE CATHODIC PROTECTION BONDING SHALL BE PROVIDED BETWEEN CROSSING PIPELINES. IN SOME CASES THE NEW PIPELINE MAY REQUIRE ELECTRICAL ISOLATION. C.P. DETAILS ARE COVERED SEPARATELY.
- 6 DIMENSION 'A' SHALL BE CALCULATED USING FORMULA $A=(D_1+D_2+....D_n)+(n-1)\times 500$ WHERE $D_1, D_2,....D_n$ IS THE DIAMETER OF PIPELINES IN mm IN THE SAME TRENCH AND 'n' IS NO. OF PIPELINES IN SAME TRENCH.
- 7 DIMENSIONS 'D' SHALL BE THE LARGEST DIAMETER OF THE PIPELINES LAID IN SAME TRENCH.
- 8 TRENCH DIMENSIONS SHALL BE IN ACCORDANCE WITH RELEVANT STANDARDS/SPECIFICATIONS.
- 9 APPROVAL OF THE CROSSING SHALL BE OBTAINED FROM CONCERNED AUTHORITIES.



ANI GAS LIMITED

EXISTING UNDERGROUND PIPE
CROSSING (TYPE-I)

DRAWING NO.

AGL/PL CROSS/001

REV.

0

Sheet 1 of 1



Registration and Stamp Department
Madhya Pradesh

Certificate of Stamp Duty

E-Stamp Details

E-Stamp Code 01011419022024019631
Total E-Stamp Amount 500
Govt. Stamp Duty (Rs.) 500
Janpad Duty (Rs.) 0
Exempted Amount(Rs.) 0
Municipality Duty (Rs.) 0
Upkar Amount (Rs.) 0
E-Stamp Type NON-JUDICIAL
Issue Date & Time 19/02/2024 18:32:06
Service Provider or Issuer Details DHARMENDRA SINGH/SP011441506202000016
SP/SRO/DRO/HO Details MIDLAND PLAZA JHABAR ESTATE THATIPUR GWALIOR
GWALIOR

Deed Details

Deed Type Agreement or Memorandum of an agreement
Deed Instrument If not otherwise provided for- Five hundred rupees.
Purpose AGREEMENTT

First Party Details

Organization Name M/S ADANI TOTAL GAS LIMITED
Address SHOP NO 3, GROUND FLOOR, NEW MERIDIAN, GULMOHAR CITY ROAD, BEHIND
NEW COLLECTORATE BUILDING, GWALIOR GWALIOR Madhya Pradesh INDIA
Number of Persons 1

Second Party Details

Organization Name M P ROAD DEVELOPMENT CORP LTD CHAMBAL
Address GWALIOR GWALIOR Madhya Pradesh INDIA
Number of Persons 1

Digitally signed by
Dharmendra Singh
Date: 2024.02.19 18:32:10
IST

ATTESTED

N. S. Gurjar
Notan
Gwalior

19 FEB 2024

AGREEMENT REGARDING GRANTING OF RIGHT OF WAY

PERMISSIONS

**FOR LAYING NATURAL GAS PIPE LINE SERVICES ON NATIONAL
HIGHWAYS**

Agreement to laying ATGL Natural Gas 4" steel pipeline NH-92 along the SRF Malanpur to HPCL Ramsons Station Malanpur approx. 860 meter Right side From Ch. 24+700 to 25+56).

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 Adani Total Gas Limited, registered office at Shop No. 3, Ground Floor, New Meridian , Gulmohar city Road, Behind New Collectorate Building, Gwalior, Madhya Pradesh - 474011 (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 ATGL Natural Gas 4" steel pipeline NH-92 along the SRF Malanpur to HPCL Ramsons Station Malanpur approx. 860 meter Right side From Ch. 24+700 to 25+56).

Whereas the Licensee proposes to lay Natural gas pipe line referred to as Natural gas pipe line services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay ATGL Natural Gas 4" steel pipeline NH-92 along the SRF Malanpur to HPCL Ramsons Station Malanpur approx. 860 meter Right side From Ch. 24+700 to 25+56).

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 witnessed 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 Natural Gas pipe line 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 Natural Gas pipe line 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.
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 Natural Gas pipe line by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfillment 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.

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Notary
Gwalior

19 FEB 2024

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 Natural Gas pipe line / 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 Natural Gas pipe line for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common Natural Gas pipe line 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 Natural Gas pipe line corridor on either side of the extreme edge of RoW. In cases where Natural Gas pipe line ducts with sufficient space are already available along NH, the Natural Gas pipe line Services shall be laid in such ducts subject to technical requirements being fulfilled.

7. The Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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.

9. In exceptional cases, where RoW is restricted the Natural Gas pipe line Services can be allowed beneath the carriageway of service road, if available, subject to the condition that the Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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;

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Notary
Gwalior

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11. The Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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.
 - 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 Natural Gas pipe line 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.

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Note
Gwalior

19 FEB 2024

19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. per route meter / 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/Natural Gas pipe line 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;
21. The Licensee shall shift the Natural Gas pipe line 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 Natural Gas pipe line 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 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

ATTESTED

N. S. Gurjar
Notary
Gwalior

9 FEB 2024 FEB 2024

reasons the road needs to be cut for crossing or laying Natural Gas pipe line 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, 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 Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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.

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N. S. Gurjar
Notary
Gwalior

19 FEB 2024

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 matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The Natural Gas pipe line Services shall not be made operational by the Licensee unless a completion certificate to the effect that the Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line Services. However before taking up the work of removal of Natural Gas pipe line 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.

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N. S. Gurjar
Notary
Gwalior

19 FEB 2024

43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of Natural Gas pipe line 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 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

(Signature, name & address with stamp)


HOLDER OF GENERAL POWER OF ATTORNEY DATED _____ EXECUTED
IN ACCORDANCE WITH THE RESOLUTION NO. _____ PASSED BY HTE
BOARD OF DIRECTORS IN THE _____ DATED MEETING HELD ON

IN THE PRESENCE OF (WITNESSES):

1.

2.

ATTESTED


N. S. Gurjar
Notar
Gwalior

19 FEB 2024



CERTIFICATE FOR LAYING OF UNDERGROUND STEEL PIPELINE ALONG and ACROSS NH-92 the SRF Malanpur Ch 24+700 to Ch 25+360 HPCL Kamla Ramsons Station Malanpur Approx 800 Meters and Road Crossing nearby SRF Malanpur Ch 27+300 to Near Vikas IOCL pump Ch 24+700 and Infront of HPCL Kamla Ramsons Ch 25+360 FOR ADANI TOTAL GAS LIMITED , city gas distribution network in the Jhansi, Bhind, Jalaun, Lalitpur, Datia District, Utter Pradesh & Madhya Pradesh.

" 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 MPRDC" For future four – laning or any other development .

For Adani Total Gas Ltd



Rahul Goel

Manager

Adani Total Gas Limited
(Formerly known as Adani Gas Ltd)
Shop No.3, Neo Meridian
Gulmohar City Road, Behind New Collectorate Building
Gwalior, Madhya Pradesh, India - 474 011
CIN: L40100GJ2005PLC046553

Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421



adani
Gas

ADANI GAS LIMITED

**Basic Information on
Horizontal Directional Drilling Methodology**

Contents

SN	Description
1	Scope
2	HDD Site Preparation
3	HDD Operation
4	Hydro-Static Test
5	Reinstatement of Works
6	Acceptance / AS-Built Records





1.0 Scope:

This procedure covers the Basic Information for execution of HDD works for River/Nallah crossing.

Carrier Pipe Dia.: 8" Steel pipeline x 6.4 mm Thk. With minimum TOP Cover at any position of the Profile 2.5 mtr.

2.0 HDD Site Preparation:

1. Approach to Site
2. Preparation of Entry & Exit pit
3. Bentonite Collection Pit (if Applicable)
4. HDD Equipment Deployment

3.0 HDD operation:

- 3.1 The drill site has been surveyed and drill profile drawing shall be submitted for approval. This drawing provides the profile of the drill hole. Upon approval of this drawing and completion of the pipe string preparation work including successful hydro testing of the pipe strings the entrance and exit stakes shall be fixed at the design entry and the exit points.
- 3.2 The drill profile drawing as establishes the Entrance and Exit angles as well as the radius of the curvature. The tangent lengths and the points are also shown. As may be seen from the stress calculation finished the maximum combined stress is obtained while the hydro test is in progress for the pipeline, which is well within the maximum allowable stress as shown therein.
- 3.3 The drilling rig shall be mobilized together with the auxiliary equipment by the time the pipe string have been completed and tested. The drill unit shall then be placed over the entry point of the pipeline in a position so that the drill may enter exactly at the correct location. The drill unit is then elevated at the rear in order to ensure that the angle at the entry confirm to the angle specified in the drill profile drawing. The rig is then anchored in position and is ready to commence the drilling of the pilot bore.
- 3.4 The drilling operation then begins using the drill bit, the steering tool and the high pressure injection of Bentonite slurry. Drilling is carried out at intervals of about 20 ft. (6 mtrs. approx equivalent to one length of drill pipe a new length of drill pipe being added at the end of each interval)
- 3.5 Guidance to the drill head is achieved by using an electronic navigation system, where the sensing unit is fixed to the rear end of the steering tool. This sensing unit transmitted the location of the drill head back to the operator at the control panel of the rig. The operator is thus able to monitor at all times the coordinates of the drill head and is able to verify the accuracy of the actual drill profile with respect to the designed drill profile by continual comparison of the coordinates. If he detects a substantial deviation of any particular point the operator will either correct



the drilling profile or pull back a certain length and re-drill to the correct profile. The operator also has additional information from the magnetometer and the accelerator readings.

- 3.6 Once the drill bit exits end of the drill hole, the drill bit, steering tool etc are all detached and reamer is attached to the drill string. The reamer is then pulled back by the drill rig and drill pipes are attached one after the other behind the reamer from the exit side. At the same time drill pipe shall also been withdrawn from the drill hole entry end. During the reaming or hole opening process Bentonite drilling mud (if require) is pumped under the high pressure from the rig side through the drill pipe. Drill pipe being released at the entry side are transported in lots by truck to the exit side in order to bed from there during the reaming process. Once the reamer exits at the entry end, a second reamer is to be attached at the exit end and the reaming process shall be repeated.
- 3.7 Prior to the reaming process and after completion of hydrostatic test of pipe string (in a single length) a pull head shall be welded on to the end of the pipe facing other end.
- 3.8 Upon exit of the first reamer at entry end the next reamer shall be introduced from the exit end and the process is repeated again (i.e, the forth reaming).
- 3.9 When the reaming of the hole has been completed, a swab with high pressure drilling mud shall be pulled through the hole. After this the hole would be ready for the pipe to be pulled in. Once driller is satisfied that the hole is cleaned up and ready to receive the pipe, the pull head is connected to the drill string through a swivel. The swivel prevents the pipe from rotating during the pull back.
- 3.10 The pipe before this stage been already placed on rollers on the ground and held by a crane or backhoe at the rear end, in order to minimize the friction and to ensure its smooth entry down the drilled hole. The pipe string is then pulled back from the exit end and towards the entrance end by the drill jig. The pulling process is continual with short intervals necessary for the removal of each drill pipe. Once the pull back operation is completed and one end of the pipe has emerged at the entrance point, the entire pull back operation is terminated and the drill jig is removed.
- 3.11 Immediately after the pull back operation cathodic protection shall be installed, monitored and controlled to protect the string from corrosion.
- 3.12 During the different execution phases of the HDD, Various drilling operation record shall be maintained as per the following :
 - Quantity of mud used.
 - During drilling operations (per drill pipe element)
 - The maximum force apply (push/pull/torque)
 - Time duration for assembling two elements.
 - The drilling head position in X-Y-Z co-ordinates.
 - Deviation compare to require position.
 - The proposed corrective measures



- During drill pipe pull back (per drill pipe element)
- Pull back duration per element.
- Maximum pulling force per element.
- An alignment sheet with length profile of the pipeline (scale 1/500) showing the location of each weld joint and their X-Y-Z coordinates.

4.0 Hydro-static Test :

Hydro-static Test shall be carried out for the Pipeline section, Test Procedure shall be approved by PMC/Client.

5.0 Reinstatement of the working site and access road:

The ground occupied during the work shall be reinstated to its original condition as quickly as possible after the completion of the works.

Access to property, fences, ditches, retaining walls, irrigation systems and other structures shall be reinstated in compliance with agreements drawn up at the time of initial survey. Land register marks moved for the work shall be replaced by a surveyor, where necessary devices to prevent erosion of the backfill materials shall be installed when reinstating embankments, and slopes.

Re-instatements of footpaths, road surfaces, banks, shoulder, etc shall be performed with the agreement of authorities concerned.

6.0 Acceptance /As Built Records:

As work advances, the position of the pipe shall be surveyed and plotted on the drawings.

"As Built" Documentation containing all documents (drawings, design calculation, welding log etc) which enable location and description of the pipe shall be compiled on completion of the work.

All equipment shall be duly traced with reference to initial supplier identification reference (IC) – weld log book – certificates etc.





To

Date-15/02/2024

The Divisional Manager

Chambal, Gwalior

Subject- Submission of all original document regarding application dtd **09.01.2024**

Ref- 2288/CGD-AGL/NH-92/MPRDC/2024 Dtd-17/01/2024

Dear sir,

This is to inform you that we have submitted all original documents (Bharatkosh receipt, BG, and other document) regarding permission for laying ATGL Natural gas 4" steel pipeline NH-92 along the SRF Malanpur to HPCL Kamla Ramsons station Malanpur approx. 800 meters and 2 road crossings.

Regards,


Adani Total Gas Limited


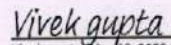
Adani Total Gas Limited
(Formerly known as Adani Gas Ltd)
Shop No.3, Neo Meridian
Gulmohar City Road, Behind New Collectorate Building
Gwalior, Madhya Pradesh, India - 474 011
CIN: L40100GJ2005PLC046553

Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421

AUTHORITY LETTER

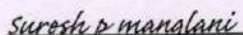
I, the undersigned, Executive Director and CEO of Adani Total Gas Limited having its Registered Office at "Adani Corporate House", Shantigram, Nr. Vaishnodevi Circle, S G Highway, Ahmedabad – 382421 (hereinafter referred to as 'Company') hereby authorize severally (i) **Mr. Rahul Kumar Goel** son of Hari Kishan Goyal, age 39 years, Manager of the Company and (ii) **Mr. Vivek Gupta** son of Dinesh Kumar Gupta, age 41 years, Deputy Manager of the Company to sign & make all applications and correspondences for and on behalf of the Company for seeking all permissions from (i) various Authorities whether Central or State or local village authorities including but not limited to Municipal Authorities, Police, Magistrate, Petroleum and Natural Gas Regulatory Board (PNGRB), Petroleum and Explosive Safety Organisation (PESO), Public Works Department (PWD), National Highway Authority of India (NHAI), forest, Railways, and/or (ii) Govt. departments including irrigation, fire, health, pollution, custom, excise and/or (iii) any Company, Association, Partnership Firm, Society or any other person as may be required from time to time for **Jhansi** (except area already authorized), **Jalaun and Lalitpur** in the State of Uttar Pradesh & **Bhind & Datia** in the state of Madhya Pradesh.

The Authorised Signatories as mentioned above are further authorized severally to sign, verify and submit any application, affidavit, undertaking, correspondence and/or any other documents incidentals, ancillary, related, connected acts and deeds as above as may be required.

Name and Designation of Authorised Signatory	Signature
Mr. Rahul Kumar Goel – Manager	
Mr. Vivek Gupta – Deputy Manager	 <small>Vivek gupta (May 12, 2023 12:14 GMT+5.5)</small>

This Authority Letter is valid up to 31st March, 2024.

For Adani Total Gas Limited


Suresh p mangalani (May 12, 2023 16:26 GMT+5.5)

Executive Director & CEO



Adani Total Gas Limited
(Formerly known as Adani Gas Ltd)
Crest 4 & 5, Inspire Business Park
Shantigram, Near Vaishnodevi Circle
S.G.Highway
Ahmedabad-382421, Gujarat, India
CIN: L40100GJ2005PLC046553

Tel +91 79 2754 1988
Fax +91 79 2754 2988
info@adani.com
www.adanigas.com

Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED
(M.P. STATE HIGHWAY AUTHORITY)
(Govt. of M.P. Undertaking)
CIN No: U45203MP2004SGC016758

OFFICE OF THE DIVISIONAL MANAGER, CHAMBAL
Office Campus of Chief Engineer P.W.D., Thatipur, Gwalior, Phone: 0751-4042386
Web site: www.mprdc.gov.in, E-mail: chambal-dm@mp.gov.in

Memo No. **2285/CGD-AGL/NH-92/MPRDC/2024**

Chambal, dated **14/01/2024**

To,

Adani Total Gas Limited
Shop No. 3, near meridian
Gulmohar city road, behind new collectorate building
Gwalior (M.P.)

Sub: - **Regarding Permission for laying ATGL Natural Gas 4" Steel pipeline NH-92 along the SRF Malanpur to HPCL Kamla Ramsons Station Malanpur approx. 800 meters and road crossing near by SRF to Near vikas IOCL pump and infront of HPCL Kamla Ram sons.**

Ref:- **Your Letter Dated 09.01.2024**

With reference to above, vide above referred you have applied for permission for laying City Gas Distribution (CDS) Steel Pipeline on Gwalior-Bhind-Etwah Road (NH-92) from SRF Malanpur to HPCL Kamla Ramsons Station along with Gwalior-Bhind Road. Total length of laying Public Utility- "City Gas Distribution (CDS)" steel Pipeline is 860 Mtr.

In this regard you are requested to submit the proposal according to MoRT&H technical circular No. RW/NH-33044/29/2015/S&R(R), Dated 22.11.2016 & NH-36094/01/2022-S&R(P7B) (E-208825), Dated 24.04.2023 on Norms for granting Right of Way permission for accommodation of Public and Industrial Utility services along and across the National Highways in two copies along with following documents to this office for further action:-

1. Processing fees Amounting to Rs. 10,000/- (Rs. Ten Thousand Only) online through NTRP Portal and submit the receipt of Processing Fees deposition in this office.
2. Submit the Licence fees Amounting to Rs 283490/- (Rs Two Lakh Eighty Three Thousand Four Hundred Ninety Only) online through NTRP Portal and submit the receipt of license fee deposition as per para 5 of the Ministry's Circular dated 22.11.2016. **(Calculation Sheet enclosed)**
3. A Performance Bank Guarantee as per enclosed format, with a validity of one year initially (Extendable if required till satisfactory completion of work) in Favour of **"Divisional Manager, MPRDC, Chambal"** for total length of 860 mtr @ Rs. 100/-per RM, i.e. Rs. 86000/- (Rs. Eighty Six Thousand Only), as per para 6 of the Ministry's Circular dated 22.11.2016. **(Calculation Sheet enclosed)**
4. Applicant should submit 02 copies of Bipartite "Agreement regarding granting of right of way permission for laying utility services on National Highways" on



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED
(M.P. STATE HIGHWAY AUTHORITY)

(Govt. of M.P. Undertaking)

CIN No: U45203MP2004SGC016758

OFFICE OF THE DIVISIONAL MANAGER, CHAMBAL

Office Campus of Chief Engineer P.W.D., Thatipur, Gwalior, Phone: 0751-4042386

Web site: www.mprdc.gov.in, E-mail: chambal-dm@mp.gov.in

Rs. 500/- Non-Judicial Stamp for City Gas Distribution Steel Pipeline in proper format as per the Ministry Circular Dated 22.11.2016.

5. Power of attorney to authorizing the official to execute the agreement.
6. Layout plan and drawing showing the proposed distance of City Gas Distribution Steel Pipeline from the center of the road, duly signed by the authorized signatory (Each page).
7. Cross section of pit indicating width, depth & position of City Gas Distribution Steel Pipeline in the pit.
8. Cross section of each road crossing showing depth of ground level and drilling level below road top level. Road crossing should be done by HDD method only (No any other method is acceptable).
9. Drawing showing arrangement to cross the CD structures.
10. Certificate for 4/6 laning from the applicant in the following format:-
"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 MPRDC" for future four-laning or any other development.
11. In view of the above, if there is any deviation found in fee, it will be payable by your office.

Therefore, It is requested you to submit the complete proposal along with above required documents then it could forwarded to NOC.

It is submitted for your information and necessary action.

Encl:- As above.

Divisional Manager
MPRDC Chambal,

Encl.No. 2289 /CGD-AGL/NH-92/MPRDC/2024

Chambal, dated 17.10/2024

Copy to:-

1. Chief Engineer-Regional Officer, MoRT&H, Nirman Bhawan Bhopal for information.
2. Chief General Managr (Admin) M.P. Road Development Corporation Ltd. Bhopal for information.
3. M/s M.P. Highways Pvt. Ltd., Gwalior (M.P.) For information.

Divisional Manager
MPRDC Chambal,

**Calculation sheet for licence fees required to deposit for
Laying of Public and Industrial Utility services along and across the NH under jurisdiction
of MPRDC**

1. Name of Project :- Permission for laying ATGL Natural Gas 4" steel pipeline NH-92

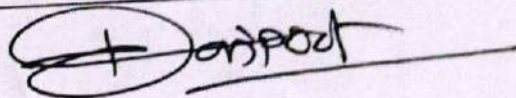
2. Start Point and End Point of Utility :- SRF Malanpur to HPCL Kamla Ramsons Station

3. Total Length :- 860Mtr.

4. No. of villages/Towns through which Utility is passing :-01

5. Details for calculation of License fee :-

Sr.N o.	Utility Details	Stretch (Rural/ Urban)	Village/ Town	District	Length (M)	Width (M)	Area (sqm)	Applicable Rates (Rs./Sqm)	Utilized SH/MDR/NH land area x Prevailing circle rate of land per unit area	License fee for public utility = (Utilised NH land area x Prevailing circle rate of land per unit area x 1.5% per anum) (Minimum of 10000 per anum)
A	B	C	D	E	F	G	H	I	J	K
1	Natural Gas 4" steel pipeline	Urban	SRF Malanpur to HPCL Kamla Ramsons Station	Gwalior	860	0.1016	87.376	28000	2446528	36697.92
TOTAL					860				2446528	36697.92
License fee for 1st year										36697.92
License fee for 2nd year (Subject to minimum of Rs. 10,000/-, or 6% annual increment)										46697.92
License fee for 3rd year (Subject to minimum of Rs. 10,000/-, or 6% annual increment)										56697.92
License fee for 4th year (Subject to minimum of Rs. 10,000/-, or 6% annual increment)										66697.92
License fee for 5th year (Subject to minimum of Rs. 10,000/-, or 6% annual increment)										76697.92
Total										283489.6
Total License Fee for 05 Years										283490
In words :- (RS. Twol Lakh Eighty Three Thousand Four Hundred Ninety Only)										
Calculation of Performance Bank Guarantee as per the circular :-										
Performance Bank Guarantee for <=300mm dia/Width							Total Length x Rs. 100/- per running meter			
Total amount of Performance BG.(In Rs.)							86000			
In Words :- (RS. Eighty Six Thousand Only)										





bharatkosh.gov.in

Government of India Receipt Portal

RECEIPT

Transaction Ref.No. 0802240025119

Dated: Feb 8 2024 3:17PM

Received from M/S. ADANI TOTAL GAS LIMITED with Transaction
Ref.No. 0802240025119

Dated Feb 8 2024 3:17PM the sum of INR 10000 (Ten Thousand Only)
through Internet based Online payment in the account of

License fee for laying of utility services, , ATGL -PROCESSING FEE MPRDC
MALANPUR.

Disclaimer:- This is a system generated electronic receipt, hence no physical signature
is required for the purpose of authentication

Printed On: 08-02-2024 04:11:21



Courtesy :- Controller General of Accounts



bharatkosh.gov.in

Government of India Receipt Portal

RECEIPT

Transaction Ref.No. 0802240026337

Dated: Feb 8 2024 3:29PM

Received from M/S. ADANI TOTAL GAS LIMITED with Transaction
Ref.No. 0802240026337

Dated Feb 8 2024 3:29PM the sum of INR 283490 (Two Lakhs Eighty-Three
Thousand Four Hundred Ninety Only) through Internet based Online payment
in the account of

License fee for laying of utility services, , License fee MPRDC Malanpur.

**Disclaimer:- This is a system generated electronic receipt, hence no physical signature
is required for the purpose of authentication**

Printed On: 08-02-2024 04:10:02



Courtesy :- Controller General of Accounts

Date: 24-01-2024
Ref: 0024NDLG00342924

To,
DIVISIONAL MANAGER,MPRDC, CHAMBAL,
OFFICE CAMPUS OF CHIEF ENGINEER P.W.D.
THATIPUR GWALIOR

GWALIOR
MADHYAPRADESH
INDIA
474011

Sub: Issuance of Bank Guarantee

Dear Sir/Madam,

Please find enclosed Bank Guarantee issued by ICICI Bank Limited ("ICICI Bank") favoring yourself on behalf of: ADANI TOTAL GAS LIMITED, 8 FLOOR, HERITAGE BUILDING, NEAR GUJARAT, VIDHYAPITH USMANPURA, AHMEDABAD, GUJARAT, INDIA, 380014 ("Bank Guarantee") with the tenor and claim period as requested by you. For ease of reference the details have been reproduced as below:

Bank Guarantee No. & Date of Issue	Expiry Date	Claim Expiry Date	Currency	Amount of Bank Guarantee
0024NDLG00342924 24-01-2024	31-12-2024	31-12-2024	INR	86,000.00

We confirm that the officials who have signed the above Bank Guarantee are authorized to sign such documents on behalf of ICICI Bank. You may verify genuineness of the Bank Guarantee by writing to us at bgconfirmation@icicibank.com for receiving the confirmation over email.

Alternatively, you may also write to the following address to verify the genuineness of the BG :

ICICI Bank Limited, Trade Finance Operations Group,
ICICI Bank Towers, Survey No.115/27, Tower 3, South Wing, 6th Floor,
Plot No. 12, Nanakramguda, Serilingampally, Hyderabad - 500032, Telangana

In the event of invocation, we request you to please ensure compliance with the terms and conditions of the Bank Guarantee in order to ensure timely payment. You are requested to ensure special care inter alia with respect to the following in the invocation claim letter -

- Bank Guarantee Number
- Expiry/Claim Expiry date
- Claim Amount
- Designated Bank branch for submission of invocation claim
- Any declaration / certification that may be required as part of the guarantee text.
- Any other requisite document including the original Bank Guarantee.

Please note that ICICI Bank shall not be liable under the Bank Guarantee post expiry of the claim period as requested by you.

Thanking you,

Yours faithfully,

For ICICI Bank Limited
Authorized Signatory

ICICI BANK LTD.
Sanket Dave
Authorized Signatory
SANKET DAVE
90033856

ICICI BANK LTD.
Amn Baghel
Authorized Signatory
AMAN BAGHEL
840774

ICICI Bank Limited
JMC House,
Opp. Parimal Gardens,
Off C. G. Road, Ambawadi,
Ahmedabad - 380 006,
Gujarat, India.

Website www.icicibank.com
CIN : L65190GJ1994PLC021012

Regd. Office : ICICI Bank Tower, Near Chakli Circle,
Old Padra Road, Vadodara 390 007,
India.
Corp. Office : ICICI Bank Towers, Bandra-Kurla
Complex, Mumbai 400051, India.



IN-GJ09331769989372W



सत्यमेव जयते

INDIA NON JUDICIAL
Government of Gujarat
Certificate of Stamp Duty

Certificate No. : IN-GJ09331769989372W
Certificate Issued Date : 09-Jan-2024 08:59 PM
Account Reference : CSCACC (GV)/ gjcsceg07/ GJ-AHTHA1120/ GJ-AH
Unique Doc. Reference : SUBIN-GJGJCSCEG0739919700356775W
Purchased by : ICICI BANK LIMITED
Description of Document : Article 5(h) Agreement (not otherwise provided for)
Description : BANK GUARANTEE
Consideration Price (Rs.) : 0
(Zero)
First Party : ICICI BANK LIMITED
Second Party : Not Applicable
Stamp Duty Paid By : ICICI BANK LIMITED
Stamp Duty Amount(Rs.) : 300
(Three Hundred only)

This Stamp Papers Forms an integral part of
Issuance/Amendment to Bank Guarantee
no. 003H2924 attached herewith

ICICI BANK LTD.

Sanket Dave
Authorised Signatory
SANKET DAVE
90033856

Date: 24-01-2024
Place: Ahmedabad



Aman
Authorised Signatory
AMAN BAGHEL
840274

IN-GJ09331769989372W

IE 0018812864

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Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

Sr.No. 1416551

BANK GUARANTEE
ICICI Bank Limited
(Incorporated in India)

BG Number: 0024NDLG00342924
Issuance Date: January 24, 2024



- 1 Bank Guarantee No.:0024NDLG00342924
- 2 Amount of Guarantee : INR 86000/-
- 3 Date of Issue: 24-01-2024
- 4 Date of Expiry: 31-12-2024
- 5 Last date for lodgement of claim : 31-12-2024

6 **BANK GUARANTEE**

- 7 To,
- 8 Divisional Manager MPRDC, Chambal,
- 9 Office campus of Chief Engineer P.W.D.
- 10 Thatipur Gwalior Madhya Pradesh 474011.

11 Whereas Adani Total Gas Ltd. (Formerly known as Adani Gas Limited) 8th Floor, Heritage
12 Building, Nr. Gujarat Vidhyapith, Ahmedabad 380 014 (hereinafter called The Licensee) has
13 undertaken to execute digging PITS and laying PE Gas Pipeline Network through Boring HDD
14 crossing 2 Locations and along the road for connectivity of Commercial, Domestic Customers
15 and AEO Loping and installation of Valve Chambers in Gwalior - Bhind Road(Malanpur
16 Industrial area) 860 Mtrs. as per details in your demand letter.

17 And where as it has been stipulated by you in the said Road opening permission letter that
18 the licensee shall furnish you with a bank guarantee by a nationalized / scheduled bank of
19 India for the sum specified their in as a security for compliance with his obligations in
20 accordance with the digging PITS and laying Steel Gas Pipeline Network through Boring/HDD
21 crossing 2 Locations and along the road for connectivity of Commercial, Domestic Customers
22 and AEO Loping and installation of Valve Chambers in Gwalior- Bhind district(Malanpur
23 Industrial area) 860 Mtrs. as per details in your demand letter.

24 Whereas, We ICICI Bank Ltd, a schedule bank in India incorporated under the Provisions of
25 the Companies Act, 1956 and having its registered office at ICICI BANK LIMITED, Near Chakli
26 Circle, Old Padra Road, Vadodara-390 007, India and having a branch office at ICICI Bank
27 Ltd., Transaction Banking, 2nd Floor, JMC House, Opp. Parimal Garden, Ambawadi,
28 Ahmedabad - 380006, hereby irrevocably and unconditionally undertake and guarantee
29 payment to Divisional manager forthwith on demand being made by MPRDC in writing
30 without demur any and all monies anywise payable by the company, as may be specified in
31 the notice of the demand made by the MPRDC to the bank up to an aggregate sum of
32 Rs.86000/- (Rs. Eighty-six thousand only).

Page 1 of 2

The beneficiary may, in its own interest, verify the genuineness of the bank guarantee by seeking confirmation of its issuance from a branch of ICICI Bank other than the issuing branch.

Regd. Office: ICICI Bank Ltd., ICICI Bank Tower, Near Chakli Circle, Old Padra Road, Vadodara, Pin code- 390 007, Gujarat
Phone : +91-265-6722286, CIN L65190GJ1994PLC021012

ICICI BANK LTD.

Authorised Signatory
SANKET DAVE
90033856

ICICI BANK LTD.

Authorised Signatory
AMAN BAGHEL
840774

Sr.No.

1416552

BANK GUARANTEE
ICICI Bank Limited
(Incorporated in India)

BG Number: 0024NDLG00342924
Issuance Date: January 24, 2024



33 Now thereof we hereby affirm that we are the guarantor and responsible to you on behalf of
34 the licensee, up to a total of Rs. 86000/- (Rs. Eighty-six thousand only). such sum being
35 payable in the types and proportions of currencies in which the road opening charges is
36 payable, and we undertake to pay you, upon your first written demand and without cavil or
37 argument, any sum or sums with in the limits of Rs 86000/- (Rs. Eighty-six thousand only). as
38 aforesaid without your needing to prove or to show grounds or reasons for your demand for
39 the sum specified therein.

40 We hereby waive the necessity of your demanding the said debt from the licensee before
41 presenting us with the demand.

42 We further agree that no change or addition to or other modification of the terms of the road
43 opening or of the works to be performed there under or the terms of the road opening
44 documents which may be made between you and the licensee shall in any way release us from
45 our liability under this guarantee and we hereby waive notice of any such change, addition or
46 modification.

47 This Guarantee is Valid for 10 Months from the date of issue by the Bank, i.e., till 31-12-2024

48 The liability of the Guarantor under this Guarantee shall not exceed Rs 86000/- (Rs. Eighty-six
49 thousand only) (the Guarantee Amount).

50 This Guarantee shall be valid up to 31.12.2024 (the Expiry Date).

51 Notwithstanding anything to the contrary contained herein, no obligation of the Guarantor to
52 pay any amount under this Guarantee shall arise prior to the fulfilment of the following
53 conditions precedent:

54 (a) written claim/demand(s) in terms of this Guarantee of an aggregate amount less than or
55 equal to the Guaranteed Amounts is/are made by the Beneficiary hereunder; and

56 (b) such written claim/demand(s) is/are delivered to the Guarantor on or before the Claim
57 Expiry Date 31.12.2024 at the ICICI Bank branch located at Transaction Banking, 2nd Floor,
58 JMC House, Opp. Parimal Garden, Ambawadi, Ahmedabad 380006.

59 FOR ICICI BANK LIMITED
60 AUTHORISED SIGNATORIES

61 SIGNATURE : _____ SIGNATURE : _____

62 NAME: _____ NAME: _____

63 SIGNATURE CODE: _____ SIGNATURE CODE: _____



Page 2 of 2

The beneficiary may, in its own interest, verify the genuineness of the bank guarantee by seeking confirmation of its issuance from a branch of ICICI Bank other than the issuing branch.

Regd. Office: ICICI Bank Ltd., ICICI Bank Tower, Near Chakli Circle, Vardol Road, Vadodara, Pin code-390007, Gujarat
Phone : +91-265-6722286, CIN L65190GJ1994PLC021012

ICICI BANK LTD.

Authorised Signatory
SANKET DAVE

ICICI BANK LTD.

Authorised Signatory
AMAN BAGHEL

CHECK-LIST

Guidelines for Project Directors for processing the proposal for laying of Natural Gas CS pipeline in the land along National Highway No-92


Relevant Circulars

1. Ministry Circular No. NH-41 (58) /68 dated 31.01.1969
2. Ministry Circular No. NH-III/P66/76 dated 18/19.11.1976
3. Ministry Circular No. RW/NH-IIIP /66 /76 dated 11.05.1985
4. Ministry Circular No. RW/NH-11037/86/DOI (ii) dated 28.07.1993
5. Ministry Circular No. RW/NH-11037/86/DOI dated 19.01.1995
6. Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999
7. Ministry Circular No. RW/NH-330231/19/99-DOM-III dated 17.10.2003
8. Ministry Circular No. RW/NH-33044/29/2015/S&R® dated 22.11.2016

Check list for getting approval for laying of Natural Gas CS pipeline in the land Along National Highway No-92

Sr.No	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant /	M/s Adani Total Gas Limited, Shop No. Agency Ground Floor, New Meridian, Gulmohar City Road, Behind New Collectorate Building, Gwalior. Madhya Pradesh-474011	
1.2	National Highway Number	NH- 92 (719)	
1.3	State	Madhya Pradesh	
1.4	Location	Malanpur Bhind	
1.5	(Chainage in km)	Along NH-92 Right Side km (From Ch.- 24+700(SRF Chouraha Malanpur to Ch.- 25+360 Km (Crossing to HPCL Kamla Ramsons Malanpur) Across NH- 92 (719) 1. Km Ch. 24+700 (Vikas Bhawan , Near IOCL Vikas) 2. Km Ch. 24+300(SRF Chouraha)	
1.6	Length in Meters	Right Side Along NH-92 0.650km	


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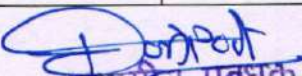

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		Across NH-92 0.060km(Infront of HPCL Kamla Ramsons Pump Malanpur) Across NH-92 0.060km(SRF to Near Vikas ICOL Pump Malanpur)	
1.7	Width of available ROW in both side		

	Right side from center line towards increasing chainage/km direction	22.5-30	
	Left side from center line towards increasing chainage/km direction	22.5-30	
1.8	Proposal to lay underground Natural CS & MDPE pipeline	NHAI	
	Right side from center line towards increasing chainage/km direction	22.5-30	
	Left side from center line towards increasing chainage/km direction	22.5-30	
1.9	Proposal of acquire land		
	(a) Right side of center line	N.A.	
	(b) Left side of center line	N.A.	
1.10	Whether the proposal in the same side where land is not to be acquired	No acquisition of land required	
	If not, then where to lay the pipeline	Along and across the national highway	
1.11	Details of already laid services, if any, along the proposed route		
1.12	No. of lanes 2/4/6/8 existing	2 lanes	
1.13	Proposed number of lane (2lanes with paved shoulder 4/6/8 lanes)		
1.14	Service road existing or not		
	If yes, then which side	Yes	
	(a) Left side from the center line	Yes	
	(b) Right side from the center line	Yes	
1.15	Proposed service road		
	(a) Left side from center line		
	(b) Right side from center line		


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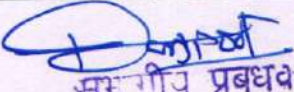

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1.16	Whether proposal to lay gas pipeline is after the service road or between the service road main carriageway	After the service road	
1.17	The permission for laying of gas pipeline shall be considered for approval/ rejection based on the Ministry Circular mentioned as above.		

	(a) Carrying of Gas pipeline on Highway bridges shall not be permitted as gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of gas	N.A.	
	(b) Carrying of gas pipelines on bridges shall also 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 in finalized they may be permitted to carry the pipeline on independent super structure supported on extended portion of piers and abutments in such a manner that in the final arrangement enough free space around the super structure of the bridge remains available for inspection and repairs etc.	N.A.	
	(c) Cost of required extension of the substructure as well as that of the supporting super structure shall be borne by the agency-in-charge of the utilities.	N.A.	
	(d) Services are not being allowed indiscriminately on the parapet/ any part of the bridges; safety of the bridge has to be kept in view while permitting various services along bridge. Approvals to be accorded in this regard with the concurrence of	N.A.	


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	the Ministry's Projects Chief Engineers only.		
1.18	If crossing of the road involved	YES	
	If yes it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expensed of the agency owning the line	YES	
	(a) Existing drainage structures shall not be allowed to carry the lines	YES	
	(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	YES	
	(d) The casing pipe (or conduit pipe in case of electric/OFC cable) carrying the utility line shall be of steel, case iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	YES	
	(e) Ends of the casing/conduit pipe shall be sealed form the outside, so that it does not act as drainage path.	YES	
	(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.	YES	
	(g) The top of the casing /conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.	YES	
	(h) Crossing shall be by boring method (HDD) especially where the existing road	YES	

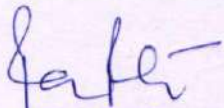
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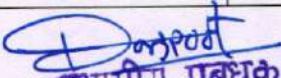
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	pavement is of cement concrete or dense bituminous concrete type		
	(i) The casing /conduit pipe shall be installed with an even bewaring throughout its length and in such a manner as to prevent the formation of a waterway along it.	YES	

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 1.2 m deep x 0.3 wide).	N.A.	
	I. Should be greater than 60 Cm wider than outer diameter of the pipe.	N.A.	
	II. Located as close to the extreme edge of the right-of way as possible but not less than 15 metre from the centre-lines of the nearest carriageway.	N.A.	
	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.	N.A.	
	IV. These should be so laid that their top is least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	N.A.	
2.2	Cross section showing the size of pit and location of pipe for HDD method	Attached	
2.3	Strips plan/Route Plan showing Gas Pipeline, Chain age, width of ROW, distance of proposed, cable from the edge of ROW, important milestone, Intersections, cross drainage work etc.	Incorporated in the drawing.	
2.4	Methodology for Laying of showing Gas pipeline	HDD	


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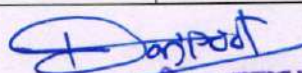

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2.4.1	Open Trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench.	N.A.	
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	a. The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	N.A.	
	b. For filling of the trench. Bedding shall be to a depth of not less than 30 cm. it shall consists 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.	N.A.	
	c. The backfill shall be completed in two stages (i) side fill to the level of the top to the pipes and (ii) overfill to the bottom of the road crust.	N.A.	
	d. The side fill shall consist of granular material laid in 15 cm lavers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Over fill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or pending will not be permitted.	N.A.	
	e. The road crust shall be built to the same strength as the existing crust on either side of the trench; care shall be taken to avoid the formation of a dip at the trench.	N.A.	


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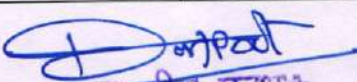

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	f. The Excavation shall be protected by flagman, sings and barricades, and red lights during night hours	N.A.	
	g. If required, a diversion shall be constructed at the expensed of agency owing the utility line.	N.A.	

2.4.2	Horizontal Directional drilling (HDD) Method	YES	
2.4.3	Laying of Gas Supply Pipeline through CD works and method of laying.	YES	
	a. On approaches, the mains/cable shall be water 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 stipulation contained in this Ministry's guidelines issued with letter No. NH-HI/P66/76 dated 19.11.1976	YES	
3	Draft License Agreement signed by two witnesses.	YES	
4	Performance bank Guarantee in favor of NHAI has to be obtained @Rs100/- per running meter (parallel to NH) and Rs100000/-per crossing of NH for a period of one year initially (extendable if required till satisfactory completion of work) as security for ensuring /making good the excavated trench for laying the cables /ducts by proper filling and compaction, clearing Debris /loose earth produced due to execution of trenching at least 50 m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris /loose earth.		
4.1	Performance BG as per above is to be		


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	obtained		
4.2	Confirmation of BG has been obtained as per NHAI Guidelines.		
5	Affidavit/undertaking from application	YES	
5.1	Not to Damage to other utility, if damaged then pay the losses either to NHAI or to the concerned agency	YES	
5.2	Renewal of Bank Guarantee		

5.3	Confirming all standard condition of NHAI's guideline	YES	
5.4	Shifting of Gas Supply pipeline as and when required by NHAI at their own cost	YES	
5.5	Shifting due to 4 lining/widening of NH	YES	
5.6	Indemnity against all damages and claims clause (xxiv)	YES	
5.7	Traffic movement during laying of Gas supply pipeline to be managed by the applicant	YES	
5.8	If any claim is raised by the Concessionaire, then the same has to be paid by the applicant	YES	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work if installation, shifting or repairs, or alteration to the showing Gas Supply pipeline located in the National Highway right-of-ways	YES	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Gas supply pipeline will be borne by the agency owing the line.	YES	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owing the utility line within a reasonable time (not exceeding 60 days) of the intimation given	YES	
5.12	Certificate from the application in the following format		
	i) Laying of Gas supply pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	YES	

Signature
MANAGER
MPRDC, CHAMBAL

Signature
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म.प्र.सड़क विकास निगम
चम्बल संभाग ग्वालियर



	For 4- lining "We do undertake that I will relocate service road/approach road /utilities at my own cost notwithstanding the permission granted with such time as will be stipulated by NHA!" for future six-lining or any other development."	YES	
6	Who will sign the agreement on behalf of gas supply pipeline agency?		
7	Certificate from the Project Director		
7.1	1. Certificate for confirming of all standard condition issued vide Ministry circular no NH-41 (58)/68 dated 31.01.1969, Ministry circular no. RW/NH dated 18/111/P/66/76 dated 19.11.1976, Ministry Circular <u>NO.RW/NH-1103/1/86-DOI</u> (ii) Dated 28.07.1993. Ministry Circular No. RW/NH 34066/2/9 S&R dated 25.10.1999 and Ministry Circular No RW/NH- 330231/19/99 dated 17.10.2003. Ministry Circular No.RW/NH-33044/29/2015/S&R® dated 22.11.2016		


The above particular along with the drawing and documents has been verified and certified as correct as per prevailing site conditions.

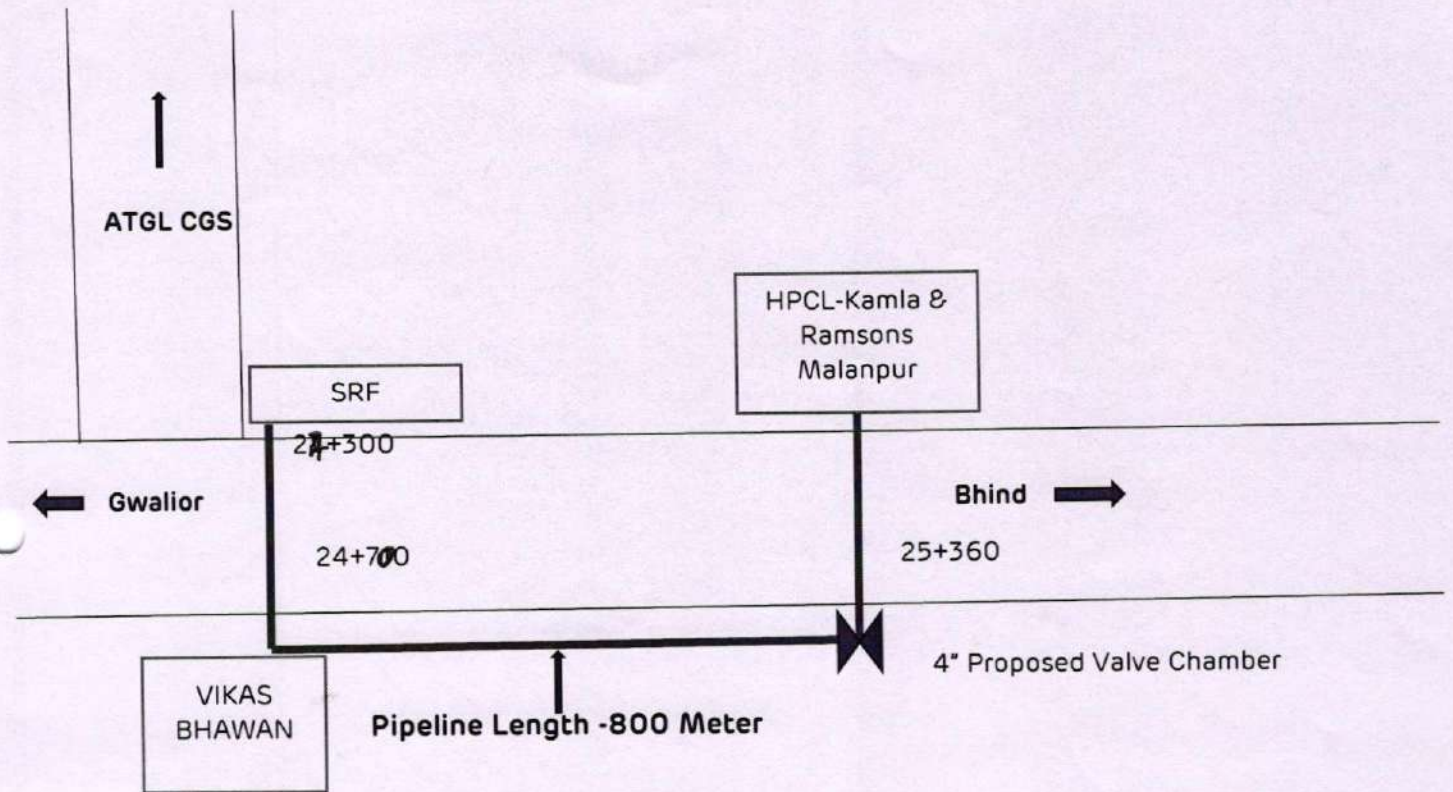


Name Designation & Signature
representative of applicant


MANAGER
MPRDC, CHAMBAL

Name Designation & Signature of the
of the Authorized concerned field authority of NHAI


समाजीय प्रबन्धक
म.प्र.सड़क विकास निगम
चम्बल संभाग ग्वालियर



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MANAGER
 MPRDC, CHAMBAL

[Signature]
 समायोजक
 म.प्र.सड़क विकास निगम
 चम्बल इलाका ग्वालियर

Certificate

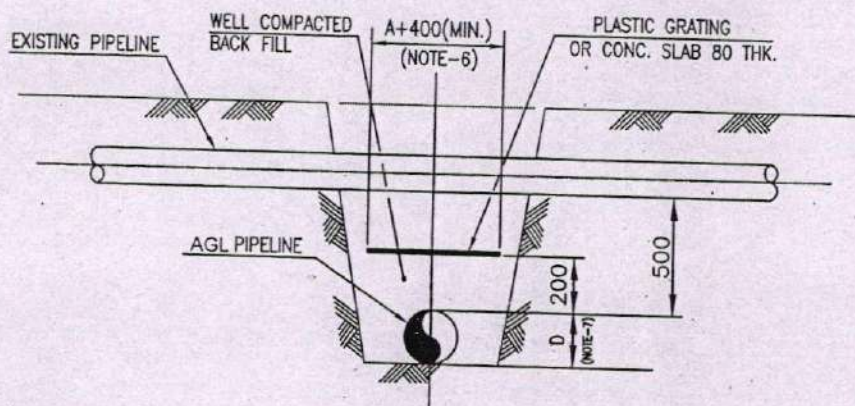
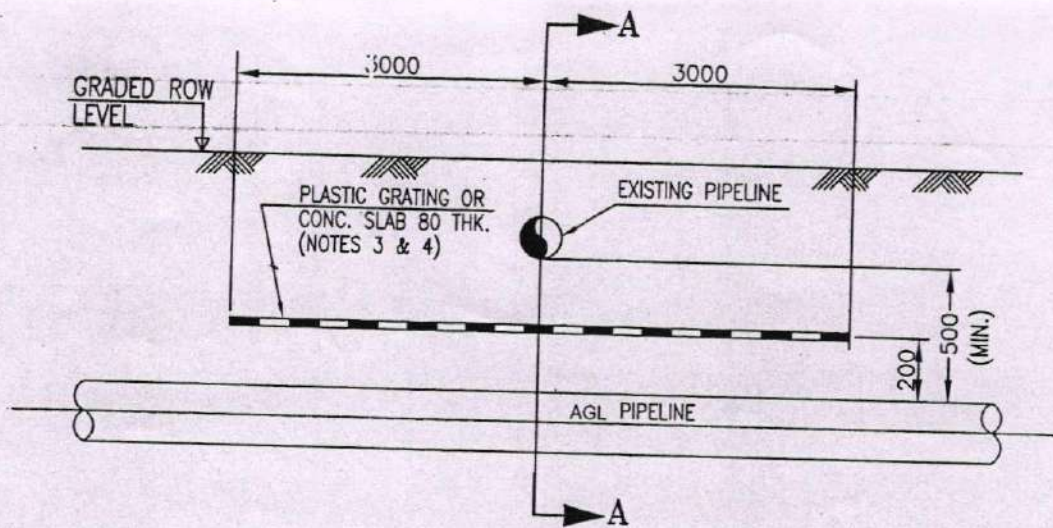
This is certify that proposal and proposed location for laying carbon steel gas pipeline has been reviewed and physically verified by this office and this proposal is :

1. Found in conformity to the requirement set out as per MOR&TH Circular no. RW/NH/33044/17/2005/S&R (R) (PT.) dated 06/07.08.2013 and RW/NH-33044/29/2015/S&R® dated 22.11.2016 recommended for approval or
2. Not found in conformity to the requirement set out as per MOR&TH circular no. RW/NH/33044/17/2005/S&R®(PT.)dated06/07.08.2013andRW/NH-33044/29/2015/S&R® dated 22.11.2016 due to following reasons :

- i).....
- ii).....
- iii).....
- iv).....




समाजीय प्रबधक
Divisional Manager निगम
MPRDC भाग ग्वालियर



SECTION A-A

NOTES:-

- 1 ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.
- 2 A MODIFIED PIPELINE WARNING SIGN SHALL BE INSTALLED WHERE THE PIPELINE CROSSES AN EXISTING PIPELINE CARRYING HAZARDOUS FLUID.
- 3 CONCRETE SLAB SHALL BE PCC M15 AS PER IS456 / PLASTIC GRATING SHALL BE 6mm THK.
- 4 PLASTIC GRATING OR CONC. SLAB NEED NOT TO BE PROVIDED BETWEEN AN EXISTING PIPELINE AND A NEW CASED PIPELINE.
- 5 SUITABLE CATHODIC PROTECTION BONDING SHALL BE PROVIDED BETWEEN CROSSING PIPELINES. IN SOME CASES THE NEW PIPELINE MAY REQUIRE ELECTRICAL ISOLATION. C.P. DETAILS ARE COVERED SEPARATELY.
- 6 DIMENSION 'A' SHALL BE CALCULATED USING FORMULA $A=(D_1+D_2+....D_n)+(n-1) \times 500$ WHERE D_1, D_2,D_n IS THE DIAMETER OF PIPELINES IN mm IN THE SAME TRENCH AND 'n' IS NO. OF PIPELINES IN SAME TRENCH.
- 7 DIMENSIONS 'D' SHALL BE THE LARGEST DIAMETER OF THE PIPELINES LAID IN SAME TRENCH.
- 8 TRENCH DIMENSIONS SHALL BE IN ACCORDANCE WITH RELEVANT STANDARDS/SPECIFICATIONS.
- 9 APPROVAL OF THE CROSSING SHALL BE OBTAINED FROM CONCERNED AUTHORITIES.



ANI GAS LIMITED

EXISTING UNDERGROUND PIPE
CROSSING (TYPE-I)

DRAWING NO.

REV.

AGL/PL CROSS/001

0

Sheet 1 of 1



Registration and Stamp Department
Madhya Pradesh

Certificate of Stamp Duty

E-Stamp Details

E-Stamp Code 01011419022024019722
Total E-Stamp Amount 500
Govt. Stamp Duty (Rs.) 500
Janpad Duty (Rs.) 0
Exempted Amount(Rs.) 0
Municipality Duty (Rs.) 0
Upkar Amount (Rs.) 0
E-Stamp Type NON-JUDICIAL
Issue Date & Time 19/02/2024 18:35:09
Service Provider or Issuer Details DHARMENDRA SINGH/SP011441506202000016
SP/SRO/DRO/HO Details MIDLAND PLAZA JHABAR ESTATE THATIPUR GWALI
GWALIOR

Deed Details

Deed Type Agreement or Memorandum of an agreement
Deed Instrument If not otherwise provided for- Five hundred rupees.
Purpose AGREEMENT

First Party Details

Organization Name M/S ADANI TOTAL GAS LIMITED
Address SHOP NO 3, GROUND FLOOR, NEW MERIDIAN, GULMOHAR CITY ROAD, BEHIND
NEW COLLECTORATE BUILDING, GWALIOR GWALIOR Madhya Pradesh INDIA
Number of Persons 1

Second Party Details

Organization Name M P ROAD DEVELOPMENT CORP LTD CHAMBAL
Address GWALIOR GWALIOR Madhya Pradesh INDIA
Number of Persons 1

Digitally signed by
Dharmendra Singh
Date: 2024.02.19 18:35:12
IST

ATTESTED

N. S. Gurjar
Notary
Gwalior



AGREEMENT REGARDING GRANTING OF RIGHT OF WAY
PERMISSIONS
FOR LAYING NATURAL GAS PIPE LINE SERVICES ON NATIONAL
HIGHWAYS

Agreement to laying ATGL Natural Gas 4" steel pipeline NH-92 along the SRF Malanpur to HPCL Ramsons Station Malanpur approx. 860 meter Right side From Ch. 24+700 to 25+56).

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 Adani Total Gas Limited, registered office at Shop No. 3, Ground Floor, New Meridian, Gulmohar city Road, Behind New Collectorate Building, Gwalior, Madhya Pradesh - 474011 (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 ATGL Natural Gas 4" steel pipeline NH-92 along the SRF Malanpur to HPCL Ramsons Station Malanpur approx. 860 meter Right side From Ch. 24+700 to 25+56).

Whereas the Licensee proposes to lay Natural gas pipe line referred to as Natural gas pipe line services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay ATGL Natural Gas 4" steel pipeline NH-92 along the SRF Malanpur to HPCL Ramsons Station Malanpur approx. 860 meter Right side From Ch. 24+700 to 25+56).

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 witnessed 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 Natural Gas pipe line 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 Natural Gas pipe line 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.
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 Natural Gas pipe line by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfillment 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.

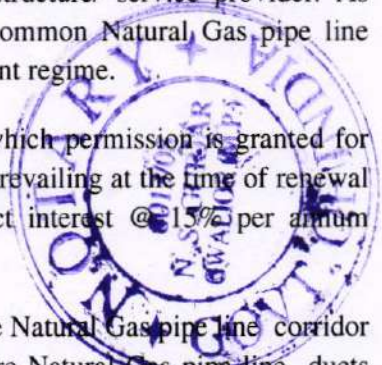
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3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own Natural Gas pipe line / 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 Natural Gas pipe line for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common Natural Gas pipe line 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 Natural Gas pipe line corridor on either side of the extreme edge of RoW. In cases where Natural Gas pipe line ducts with sufficient space are already available along NH, the Natural Gas pipe line Services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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.
9. In exceptional cases, where RoW is restricted the Natural Gas pipe line Services can be allowed beneath the carriageway of service road, if available, subject to the condition that the Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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;



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11. The Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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.

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 Natural Gas pipe line 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.

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19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. per route meter / 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/Natural Gas pipe line 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;
21. The Licensee shall shift the Natural Gas pipe line 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 Natural Gas pipe line 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 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

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reasons the road needs to be cut for crossing or laying Natural Gas pipe line 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, 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 Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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.

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

37. The Natural Gas pipe line Services shall not be made operational by the Licensee unless a completion certificate to the effect that the Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line 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 Natural Gas pipe line Services. However before taking up the work of removal of Natural Gas pipe line 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.

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Gwalior

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43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of Natural Gas pipe line 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 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 _____

(Signature, name & address with stamp)



HOLDER OF GENERAL POWER OF ATTORNEY DATED _____ EXECUTED
IN ACCORDANCE WITH THE RESOLUTION NO. _____ PASSED BY HTE
BOARD OF DIRECTORS IN THE _____ DATED MEETING HELD ON

IN THE PRESENCE OF (WITNESSES):

1.

2.

ATTESTED

N. S. Gurjar
Notar
Gwalior

19 FEB 2024



CERTIFICATE FOR LAYING OF UNDERGROUND STEEL PIPELINE ALONG and ACROSS NH-92 the SRF Malanpur Ch 24+700 to Ch 25+360 HPCL Kamla Ramsons Station Malanpur Approx 800 Meters and Road Crossing nearby SRF Malanpur Ch 27+300 to Near Vikas IOCL pump Ch 24+700 and Infront of HPCL Kamla Ramsons Ch 25+360 FOR ADANI TOTAL GAS LIMITED , city gas distribution network in the Jhansi, Bhind, Jalaun, Lalitpur, Datia District, Utter Pradesh & Madhya Pradesh.

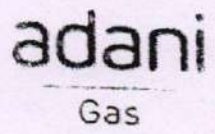
" We do undertake that I will relocate service road/ approach road / utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by MPRDC" For future four – laning or any other development .

For Adani Total Gas Ltd


Rahul Goel
Manager

Adani Total Gas Limited
(Formerly known as Adani Gas Ltd)
Shop No.3, Neo Meridian
Gulmohar City Road, Behind New Collectorate Building
Gwalior, Madhya Pradesh, India - 474 011
CIN: L40100GJ2005PLC046553

Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421



ADANI GAS LIMITED

**Basic Information on
Horizontal Directional Drilling Methodology**

Contents

SN	Description
1	Scope
2	HDD Site Preparation
3	HDD Operation
4	Hydro-Static Test
5	Reinstatement of Works
6	Acceptance / AS-Built Records





1.0 Scope:

This procedure covers the Basic Information for execution of HDD works for River/Nallah crossing.

Carrier Pipe Dia.: 8" Steel pipeline x 6.4 mm Thk. With minimum TOP Cover at any position of the Profile 2.5 mtr.

2.0 HDD Site Preparation:

1. Approach to Site
2. Preparation of Entry & Exit pit
3. Bentonite Collection Pit (if Applicable)
4. HDD Equipment Deployment

3.0 HDD operation:

- 3.1 The drill site has been surveyed and drill profile drawing shall be submitted for approval. This drawing provides the profile of the drill hole. Upon approval of this drawing and completion of the pipe string preparation work including successful hydro testing of the pipe strings the entrance and exit stakes shall be fixed at the design entry and the exit points.
- 3.2 The drill profile drawing as establishes the Entrance and Exit angles as well as the radius of the curvature. The tangent lengths and the points are also shown. As may be seen from the stress calculation finished the maximum combined stress is obtained while the hydro test is in progress for the pipeline, which is well within the maximum allowable stress as shown therein.
- 3.3 The drilling rig shall be mobilized together with the auxiliary equipment by the time the pipe string have been completed and tested. The drill unit shall then be placed over the entry point of the pipeline in a position so that the drill may enter exactly at the correct location. The drill unit is then elevated at the rear in order to ensure that the angle at the entry confirm to the angle specified in the drill profile drawing. The rig is then anchored in position and is ready to commence the drilling of the pilot bore.
- 3.4 The drilling operation then begins using the drill bit, the steering tool and the high pressure injection of Bentonite slurry. Drilling is carried out at intervals of about 20 ft. (6 mtrs. approx equivalent to one length of drill pipe a new length of drill pipe being added at the end of each interval)
- 3.5 Guidance to the drill head is achieved by using an electronic navigation system, where the sensing unit is fixed to the rear end of the steering tool. This sensing unit transmitted the location of the drill head back to the operator at the control panel of the rig. The operator is thus able to monitor at all times the coordinates of the drill head and is able to verify the accuracy of the actual drill profile with respect to the designed drill profile by continual comparison of the coordinates. If he detects a substantial deviation of any particular point the operator will either correct



the drilling profile or pull back a certain length and re-drill to the correct profile. The operator also has additional information from the magnetometer and the accelerator readings.

- 3.6 Once the drill bit exits end of the drill hole, the drill bit, steering tool etc are all detached and reamer is attached to the drill string. The reamer is then pulled back by the drill rig and drill pipes are attached one after the other behind the reamer from the exit side. At the same time drill pipe shall also been withdrawn from the drill hole entry end. During the reaming or hole opening process Bentonite drilling mud (if require) is pumped under the high pressure from the rig side through the drill pipe. Drill pipe being released at the entry side are transported in lots by truck to the exit side in order to bed from there during the reaming process. Once the reamer exits at the entry end, a second reamer is to be attached at the exit end and the reaming process shall be repeated.
- 3.7 Prior to the reaming process and after completion of hydrostatic test of pipe string (in a single length) a pull head shall be welded on to the end of the pipe facing other end.
- 3.8 Upon exit of the first reamer at entry end the next reamer shall be introduced from the exit end and the process is repeated again (i.e, the forth reaming).
- 3.9 When the reaming of the hole has been completed, a swab with high pressure drilling mud shall be pulled through the hole. After this the hole would be ready for the pipe to be pulled in. Once driller is satisfied that the hole is cleaned up and ready to receive the pipe, the pull head is connected to the drill string through a swivel. The swivel prevents the pipe from rotating during the pull back.
- 3.10 The pipe before this stage been already placed on rollers on the ground and held by a crane or backhoe at the rear end, in order to minimize the friction and to ensure its smooth entry down the drilled hole. The pipe string is then pulled back from the exit end and towards the entrance end by the drill jig. The pulling process is continual with short intervals necessary for the removal of each drill pipe. Once the pull back operation is completed and one end of the pipe has emerged at the entrance point, the entire pull back operation is terminated and the drill jig is removed.
- 3.11 Immediately after the pull back operation cathodic protection shall be installed, monitored and controlled to protect the string from corrosion.
- 3.12 During the different execution phases of the HDD, Various drilling operation record shall be maintained as per the following :
 - Quantity of mud used.
 - During drilling operations (per drill pipe element)
 - The maximum force apply (push/pull/torque)
 - Time duration for assembling two elements.
 - The drilling head position in X-Y-Z co-ordinates.
 - Deviation compare to require position.
 - The proposed corrective measures



- During drill pipe pull back (per drill pipe element)
- Pull back duration per element.
- Maximum pulling force per element.
- An alignment sheet with length profile of the pipeline (scale 1/500) showing the location of each weld joint and their X-Y-Z coordinates.

4.0 Hydro-static Test :

Hydro-static Test shall be carried out for the Pipeline section, Test Procedure shall be approved by PMC/Client.

5.0 Reinstatement of the working site and access road:

The ground occupied during the work shall be reinstated to its original condition as quickly as possible after the completion of the works.

Access to property, fences, ditches, retaining walls, irrigation systems and other structures shall be reinstated in compliance with agreements drawn up at the time of initial survey. Land register marks moved for the work shall be replaced by a surveyor, where necessary devices to prevent erosion of the backfill materials shall be installed when reinstating embankments, and slopes.

Re-instatements of footpaths, road surfaces, banks, shoulder, etc shall be performed with the agreement of authorities concerned.

6.0 Acceptance /As Built Records:

As work advances, the position of the pipe shall be surveyed and plotted on the drawings.

"As Built" Documentation containing all documents (drawings, design calculation, welding log etc) which enable location and description of the pipe shall be compiled on completion of the work.

All equipment shall be duly traced with reference to initial supplier identification reference (IC) – weld log book – certificates etc.





RW/BHP/MP/Gas-pipeline(02)/2023-24 | 3276
Government of India
Ministry of Road Transport & Highways
(Chief Engineer - Regional Office, Bhopal)

2nd Floor, Nirman Bhawan, Arera Hills, Bhopal-462011
PH: 0755-2551329, 0755-2571467, Email ID: ro.bpl-morth@gov.in

Date: 22.03.2024

Invitation of Public Comments

Subject: Permission of laying ATGL Natural Gas 4" steel pipeline on NH-719 from the SRF Malanpur to HPCL Kamla Ramsons station (length 800m) and 2 road crossings (Near SRF Malanpur and HPCL Kamla Ramsons). Reg.-

DM, MPRDC, Chambal vide letter no. 2641/NH-92/MPRDC/2024 dated 11.03.2024 has forwarded a proposal as mentioned in the subject.

2. As per Ministry vide OM No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the Highways Administrator will make available the proposal seeking permission for utility laying for public comments for 30 days on ground of public interest.

3. In view of the above the comments of public are invited on captioned proposal and the same should reach to below mentioned address within 30 days beyond which no comments will be considered.

The Highways Administration
O/o RO, Ministry of Road Transport & Highways
IInd Floor, Nirman Bhawan, Bhopal-462011.
Email: ro.bpl-morth@gov.in

4. This issues with the approval of Highways Administration-cum Regional Officer, MoRT&H, Bhopal. (Computer no. 236223)

Assistant Executive Engineer
For RO, MoRT&H, Bhopal

Copy to:

1. The Senior Technical Director, NIC, Transport Bhawan, New Delhi-110001 for uploading on Ministry's Website.
2. The CE (BOT), MPRDC, Bhopal-for information.
3. The DM, MPRDC, Chambal -for information and requested to furnish the recommendation in view of Ministry's circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 along with verified fees viz. license fee etc. as per circular and their detailed calculations
4. M/s ATGS, Gwalior (email: Info@adani.com) - for information with requested to submit the proposal in view of Ministry's circular no. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 and submit the license fee through online portal NTRP and BG for restoration charges along with detailed calculation of license fee, restoration charges etc. Receipt of online licences fee deposition should to be submitted to this office through MPRDC. BG

should be in favour of MPRDC (as per prevailing procedure in MPRDC) and to be submitted to DM, MPRDC, Chambal.