



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(MINISTRY OF ROAD TRANSPORT AND HIGHWAYS, GOVT. OF INDIA)



परियोजना निदेशक कार्यालय, परियोजना कार्यान्वयन इकाई

201ई/ऐ, द्वितीय तल, डी-21, कॉर्पोरेट पार्क, (नजदीक द्वारका सेक्टर-8 मेट्रो स्टेशन) सेक्टर-21, द्वारका, नई दिल्ली-110075

OFFICE OF THE PROJECT DIRECTOR, PROJECT IMPLEMENTATION UNIT

201E/A, Second Floor, D21, Corporate Park (Near Dwarka Sector- 8 Metro Station), Sector-21, Dwarka New Delhi-110075

दूरभाष/Phone No. : +91-9717892100, +91-9717623100 ईमेल/E-mail : piudwarka@nhai.org, piudwarka@gmail.com

NHAI/PIU/UER-II/23/03/ 1074

Dated: 01.04.2023

To,

Senior Technical Director,
NIC, Transport Bhawan,
New Delhi - 110 001
E-mail: pk.jain@nic.in
mansoor@nic.in for uploading in Ministry's website

Sub.: Permission for laying underground 4" NB Carbon Steel pipe Line on Package-1 of Urban Extension Road, NH-344M area.

(i) Chainage No. 7+100 km. to Chainage No. 13+100, Length=6000 m. (entirely on RHS of NH-344M)

Sir,

Please find enclosed herewith the proposal, mentioned under subject above. It is requested to upload the instant proposal on the Ministry's website to invite public comments within 30 days, if any.

2. As per Ministry's Circular no.-RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the proposal shall put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

3. In view of the above, before approval of the competent authority, the comments/ objections of affected public is hereby invited (as per form A) with reference to the Ministry's circular no.-RW/NH-33044/29/2015S&R(R) dated 22.11.2016 due to subject work. The objections/comments may be addressed to the below mentioned address upto 08.06.2022, beyond due date, no comments/ objections will be accepted.

The Regional Officer, Regional Office –Delhi
National Highways Authority of India
G 5&6, Sector 10, Dwarka, New Delhi - 110075.
Phone: 011- 25074100 /200

Encl: As above

Yours faithfully,

(Piyush Agarwal)
Manager (Tech)
For PD, PIU-Dwarka

Copy to:

1. The RO-Delhi, NHAI HQ, New Delhi for kind information please.
2. Web-admin. NHAI HQ, New Delhi (web-admin@nhai.org) for uploading on NHAI's website.
3. IGL Bhawan, Plot. No., Community Centre, Sec-09, R.K. Puram, New Delhi-110022

मुख्यालय : जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली-110075

Head Office : Plot No. : G-5 & 6, Sector-10, Dwarka, New Delhi-110075 Website : <http://www.nhai.org>

FORM- A

Form for inviting public comments on the application for relaxation in the guidelines/ norms for access permission to fuel stations, private properties, rest areas complexes and other such facilities along National Highways.

The comments by the general public needs to be given within 30 days of uploading the online application for comment.

S.N.	Item	Details
1.	Name of the person who desires to give comments.	
2.	Address of the person	
	Details of the application for access permission against which comments are being given (name of applicant and other details like site address etc.)	Permission for laying underground 4" NB Carbon Steel pipe Line on Package-1 of Urban Extension Road, NH-344M area. (i) Chainage No. 7+100 km. to Chainage No. 13+100, Length=6000 m. (entirely on RHS of NH-344M) Sir,
3.	(a) Application No.	
	(b) Name of the Applicant (who applied to access Permission)	IGL Bhawan, Plot. No., Community Centre, Sec-09, R.K. Puram, New Delhi-110022
	(c) Details of application	
4.	Whether the specific permission, if given, shall cause any damage to Highway? If yes, please give details.	
5.	Whether specific permission, if given, shall adversely affect safety and convenience of the traffic on the Highways? If yes, please give the details	
6.	Whether specific permission, if given shall adversely affect hygiene or cause nuisance and pollution on the highway? If yes, please give the details.	



INDRAPRASTHA GAS LIMITED

(A Joint Venture of GAIL (India) Ltd., BPCL & Govt. of NCT of Delhi)

IGL/PNG/PROJ/STEEL-PL/N/NHAI/ 23223

Date: 23-02-2023

To

The Manager Tech.

National Highways Authority of India
Project Implementation Unit-Dwarka
201E/A 2ND Floor, D 21, Corporate Park
Dwarka, New Delhi



Kind Attention: Sh. R.N.Gupta

Subject: Regarding permission of laying of IGL 4" dia, approx. 6 Km Gas pipeline from Western Canal Link Road NH Junction along/across NH-344M

References: NHAI/PIU/UER-II/PKG-1/01/Vol.VI/140 dated 13-01-2023

Dear Sir,

We express our gratitude for the co-operation extended by National Highway Authority of India for the expansion and development of IGL network and infrastructure in the NCT of Delhi.

In reference to the reference mentioned, please find the enclosed revised drawing depicting IGL gas pipeline alignment from Km 7+100 to Km 13+100 entirely on the RHS of NH-344M.

You are requested to allow us the execution considering the significant delay in the route finalization of IGL gas pipeline alignment and utter importance of the project for the spread of green fuel & public benefit at large across NCT of Delhi. We, hereby undertake to submit the necessary licensee fee and other applicable charges once it is received from your office.

Your support and co-ordination in processing the earliest permission will highly be acknowledged.

Thanking You



Yours' Sincerely


Vaibhav Goyal
Additional Manager
Projects, Steel Pipeline-Delhi



Encl.: Revised IGL gas pipeline alignment drawing

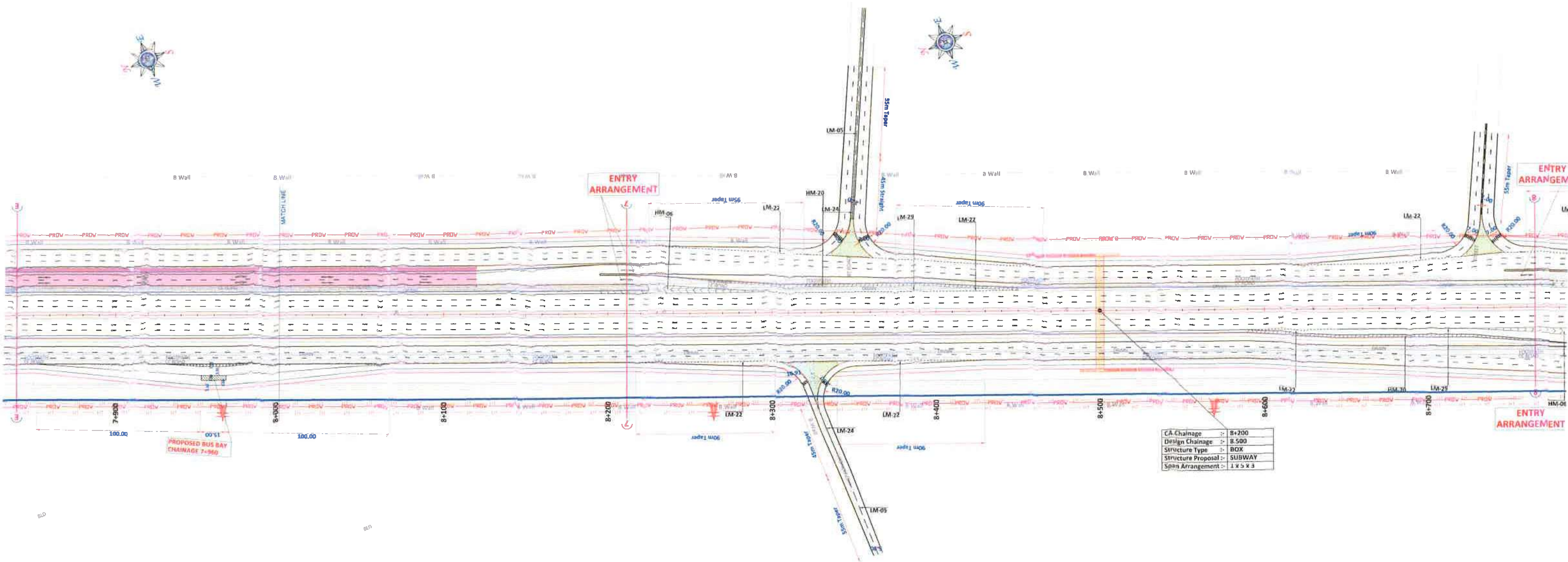
SE-AC
Pls obtain
Comments from
AE



10/3/2023
MTT-PA
Akash

IGL Bhawan, Plot No. 4, Community Centre, R.K. Puram, Sector - 9, New Delhi-110 022.
Phone : 46074607 Fax : 26171863 Website : www.iglonline.net

CIN : L23201DL1998PLC097614

An ISO 9001:2008, ISO 14001 : 2004, OHSAS 18001 : 2007 Certified Organisation



CA Chainage	8+200
Design Chainage	8+500
Structure Type	BOX
Structure Proposal	SUBWAY
Station Arrangement	1 x 1 x 1

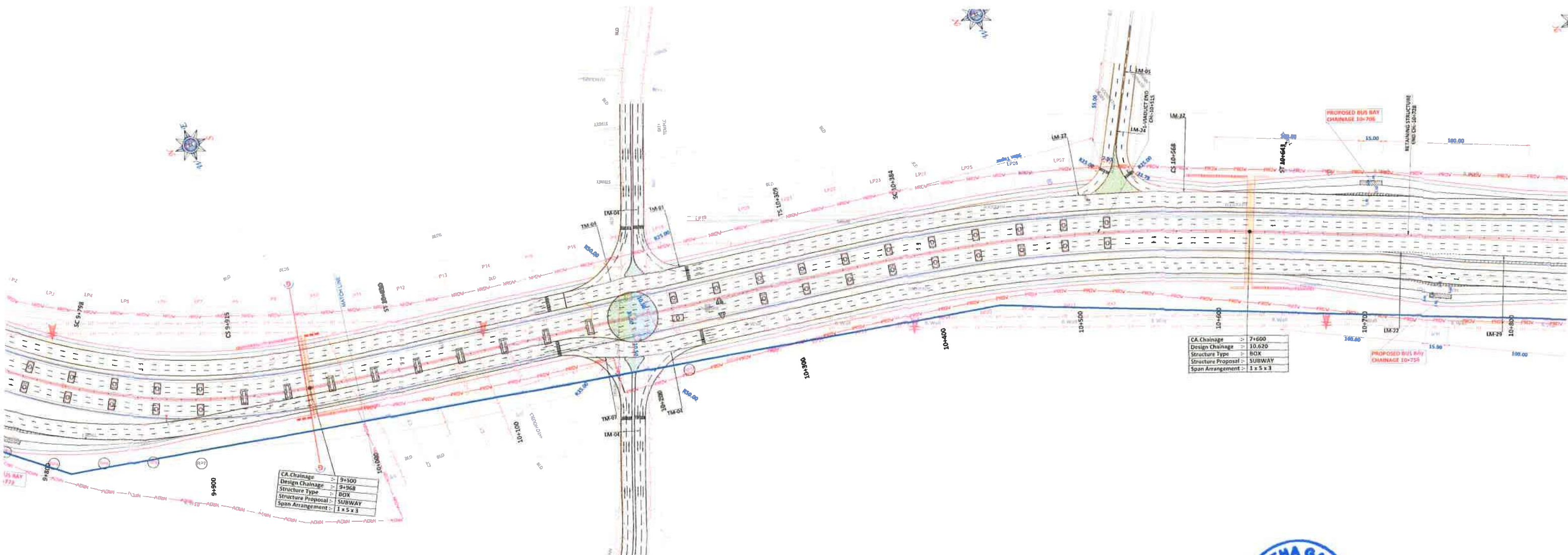
For ZI INFRACON

For PER
 [Signature]
 (P.M.)

[Signature]

[Signature] V. S. Bhanu (G.L.)





CA Chainage	> 9+500
Design Chainage	> 9+968
Structure Type	> BOX
Structure Proposal	> SUBWAY
Span Arrangement	> 1 x 5 x 3

CA Chainage	> 7+600
Design Chainage	> 10.620
Structure Type	> BOX
Structure Proposal	> SUBWAY
Span Arrangement	> 1 x 5 x 3

For ZI INFRACON

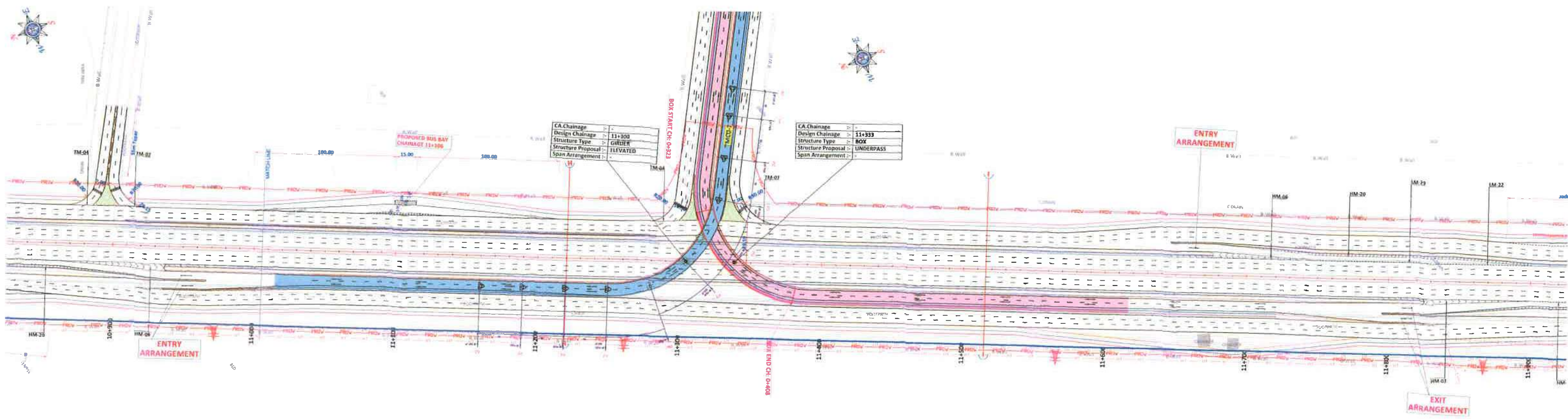
for P.E.R

Dr. Jashwanth Singh
(PME)

of field
Lael

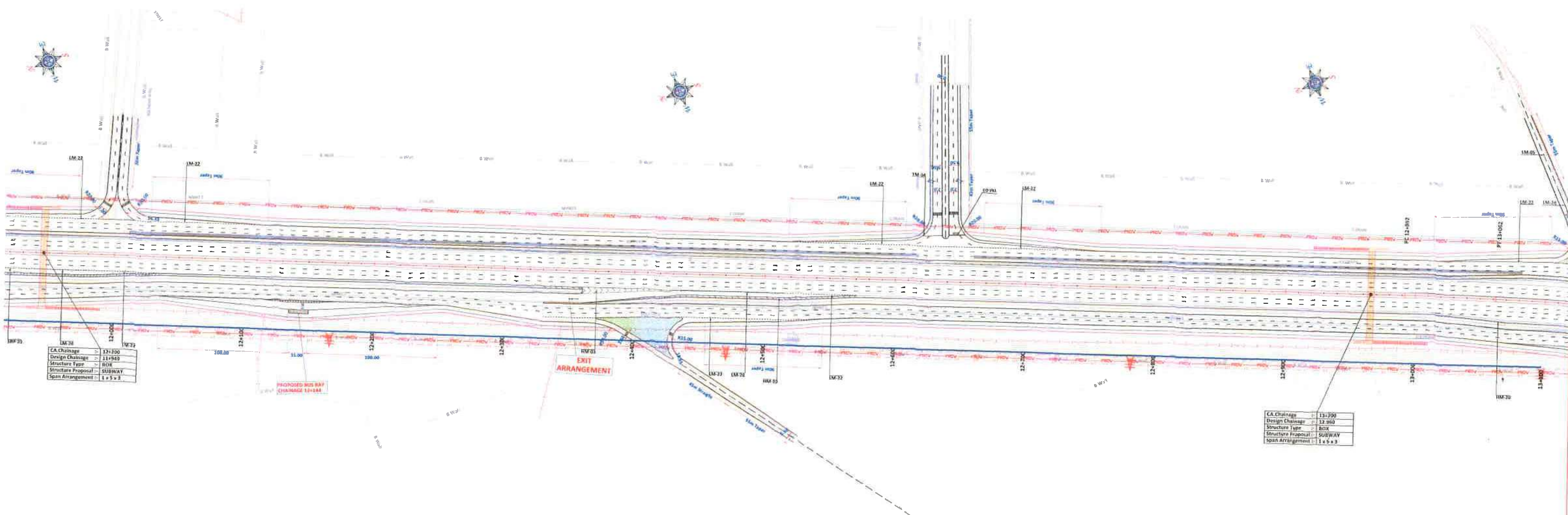
Signature
Vishwanath
(LGL)





For ZI INFRACON
 Rep. *[Signature]*
[Signature]
[Signature]

[Signature]
[Signature]
 (GL)
 INDIAN PRASHTHA GAS LIMITED
 NEW DELHI



For ZI INFRACON

for R&P
for
for
for

for
for
 (16L)





INDRAPRASTHA GAS LIMITED

(A Joint Venture of GAIL, BPCL & Govt. of NCT Delhi)

Ref: - IGL/PNG/STEEL/PROJ/N/NHAI/10822

Date:- 10/08/2022

To

Project Director

National Highway Authority of India
PIU, Dwaraka
New Delhi

Sub:- Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM - 7.100 to Ch.KM - 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM - 7.650 and Ch.KM - 8.300 in the NCT of Delhi

Dear Sir,

Indraprastha Gas Limited (IGL) is engaged in the establishment of City Gas Distribution (CGD) Projects of Natural Gas in NCT of Delhi. We are authorized from Petroleum and Natural Gas Regulatory Board (PNGRB) for establishment of CGD Projects in NCT of Delhi. A copy of Authorization letter is being attached for your kind reference.

As you are aware that Natural Gas is safe and environment friendly fuel and being promoted by the Govt. of India through CGD Projects in different part of country. The Ajmer & Pali District CGD Project will cater Compressed Natural Gas (CNG) to automotive sector and Piped Natural Gas (PNG) to domestic, commercial and Industrial sector of Ajmer & Pali District. In order to implement this project, we would like to Lay 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM - 7.100 to Ch.KM - 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM - 7.650 and Ch.KM - 8.300 in the NCT of Delhi

So, in view of above kindly request your good-self to process the proposal for further approval so that the pipeline laying work can be completed as per requirement of PNGRB.

We assure you of our best co-operation at all the times. Hoping your support to be a part of development of NCT Of Delhi and also request you to grant us NOC in order to ensure to implement this project of Environmental and National importance and beneficial to public at large on scheduled target.

YOUR'S SINCERELY

SATENDRA KUMAR PAL
HOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022


S.K. Pal
(HOD Projects)

IGL Bhawan, Plot No. 4, Community Centre, Sector-9, R.K. Puram, New Delhi-110 022

Tel. : 46074607 Fax : 26171863 Website : www.iglonline.net

CIN : L23201DL1998PLC097614

An ISO 9001 : 2015, ISO 14001: 2015, OHSAS 45001 : 2018 Certified Organisation

CERTIFICATE

Undersigned has examined the proposal of the applicant for Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi, and confirm that the standard conditions issued vide Ministry circular No: RW/NH-33044/29/2015/S&(R) dated 22.11.2016 and the subsequent amendments, has been followed.

1. It is certified that any other location of utility line would be extremely difficult and unreasonable costly and installation of utility line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc.
2. I will ensure supervision of the work of laying of utility and ensure that the defects in road portion after laying of utility are corrected.
3. I will notify/forfeit the BG for claims for damages done/disruption in working, if any.
4. I will ensure that proposed permission is entered in the register of records.
5. The records of previous approval, if any has been considered and copy of same is enclosed with the proposal.

**Project Director
NHAI, PIU- Dwaraka**

CHECK-LIST

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

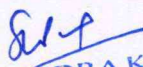
Ministry circular No-RW/NH 330044/29/2015/S&R(R) Dated 22/11/2016.

Sr.No.	Item	Information/ Status	Remarks
	General Information		
1	Name and Address of the Applicant / Agency	Indraprastha Gas Ltd. IGL Bhawan, Plot No-4, Community Centre, R.K. Puram, Sector-9, New Delhi-110022	
2	National Highway Number	NH- 344M	
3	State	New Delhi	
4	Location	Western Yamuna Canal Link Road- NH Junction NH-344 M	
5	(Chainage in km)	From NH Ch. Km- 7.100 to NH Ch. Km- 13.100	
6	Length in Meters	6000 Mtrs	
7	Width of available ROW in both side	30 Mtrs / Variable Each Side	
8	Side of NH (left or right side of NH towards increasing change /KM/ direction)	KM.- 7.100 to KM. -7.650 (RHS) KM.- 7.650 to KM.- 8.300 (LHS) KM.- 8.300 to KM.-13.100 (RHS)	
9	Name of Highways Authority of NHAI/PWD/BRO	NHAI	
10	Highway Administration Address	G 5 & 6, Sector 10, Dwarka, Delhi-110075	

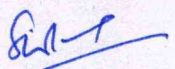

SATENDRA KUMAR PAL
HOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022

Project Director
NHAI PIU
Dwaraka


Sr.	Item	Measurement observation as per site condition	MORT&H Norms	Whether complying with MORT&H Norms
1	Details of already laid utility service in any	No	Enclosed	Complying
2	Whether up gradation of the stretch in near future is proposed or not	No		N/A
	a. If yes provision of utility adversely affect the plan of up gradation	No	affect the plan of up gradation	N/A
3	Laying of the utility service along the National Highways	Yes		Complying
3.1	Location of proposed utility service along the stretch	From km.- 7.100 to Km.- 7.650 (RHS), Km.-7.650 to Km.-8.300 (LHS), Km.- 8.300 to Km.- 13.100 (RHS) at Extreme edge of the ROW	Utility duct / beyond the toe line of the embankment and drains , enclose to the extreme edge of the ROW	Complying
3.2	Depth of the utility service from Ground level	1.5 m	0.6m	Complying
3.3	Mechanism for crossing for water channel	Beneath the bed	Through utility duct (if provision exist) or beneath the bed of water channel	N/A
3.4	Whether is ROW restricted in the stretch?	No		N/A
3.4.1	If yes whether provision of land acquisition is required to lay utility	N/A		N/A
	a. If yes whether undertaking for land acquisition along with relevant L.A detail has been furnished	N/A		N/A
3.4.2	With if concrete duct, in utility service are proposed to be laid in concrete ducts	N/A	Not less than one lane	N/A


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 NEW DELHI-110 022

4	Laying of utility Service across the NH	Yes		Complying
4.1	Whether existing drainage structures is allowed to carry the utility lines.	No	Not to be allowed	N/A
4.2	Proposed crossing of utility service	Yes, at Km- 7.650 8.300	Perpendicular to NPH	Complying
4.3	Type of casing pipe/conduit carrying the utility line	Steel as Casing	Steel, cast iron, or RCC and have adequate strength	Complying
4.4	Whether ends of the casing /conduit pipe are sealed from the outside	Sealed	Sealed	Complying
4.5	Length of crossing /conduit pipe crossing NH	60 Mtrs	Extend from drain to drain in cuts and toe to toe of slope in the fills	Complying
4.6	Depth of top of the casing /conduit pipe	3.0 Mtrs	At least 1.2m below the top of subgrade	Complying
4.7	Crossing method in case of CC pavement	HDD	Only boring method (HDD)	Complying
4.8	Horizontal and vertical clearances in case utilities are allowed overhead	N/A Only Underground	In accordance with IRC codes.	N/A
5	Document/drawing enclosed with the proposal	Yes Enclosed		Complying
5.1	Cross section showing in the site of trench for open trenching method	Yes	Enclosed	Complying
5.	a. Trench width	Yes	More than 30cm and less than 60 cm wider than the outer diameters of the utility pipe	Complying
	b. Filling of trench	Yes	As per Ministry circular No-RW/NH 30044/29/2015/S&R(R) Dated 22/11/2016.	Complying
	c. Location of trench	Yes	Extreme edge of the ROW	Complying
5.2	Cross section showing the size of pit and location of conduit for HDD method	Yes enclosed	Enclosed, if applicable	Complying


SATENDRA KUMAR PAL
 IOD (Projects)
 INDRAPRASTHA GAS LIMITED
 "IGL BHAWAN", PLOT NO. 4,
 COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
 NEW DELHI-110 022

5.3	Strip plan / Route plan showing utility line, chainage, width of ROW, distance of proposed utility from the edge of ROW, important mile stone, intersection, cross drainage works etc.	Yes Enclosed	Enclosed	Complying
5.4	Plan and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility	Yes enclosed	Enclosed	Complying
6	Methodology for laying of utility line	Yes enclosed	Enclosed	Complying
7	Draft license agreement is as per Ministry circular No-RW/NH30044/29/2015/S&R(R) Dated 22/11/2016.and signed by two witnesses	Yes enclosed	Enclosed	Complying
8	License fee in favor of MORT&H RPAO New Delhi	Shall be furnished as per demand	As per Ministry circular No-RW/NH330044/29/2015/S&R(R) Dated 22/11/2016.	Complying
9	Whether bank guarantee has been obtained	Shall be furnished as per demand	As per Ministry circular No-RW/NH 30044/29/2015/S&R(R) Dated 22/11/2016.	Complying
	a. If yes, whether confirmation of BG has been obtained as per MORT&H / NHAI guidelines	Shall be obtained		Complying
10.1	Undertaking for not to damage other existing utility, if damaged then to pay the losses to either to MORT&H / NHAI to the cornered agency	Enclosed	Enclosed	Complying
10.2	Undertaking for renewal of bank guarantee and when asked by NHAI/MORT&H	Enclosed	Enclosed	Complying
10.3	Undertaking for conforming all standard condition of MORT&H / NHAI guidelines	Enclosed	Enclosed	Complying


SATENDRA KUMAR PAL
 HOD (Projects)
 INDRAPRASTHA GAS LIMITED
 "IGL BHAWAN", PLOT NO. 4,
 COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
 NEW DELHI-110 022

10.4	Undertaking for shifting of utility as and when asked by MORT&H /NHAI within a month at their own cost	Enclosed	Enclosed	Complying
10.5	Undertaking for indemnity against all damages and claim	Enclosed	Enclosed	Complying
10.6	Undertaking for management of traffic moment during laying of utility line without hampering the traffic.	Enclosed	Enclosed	Complying
10.7	Undertaking that if any claim is raised by the concessionaire/ contractor than the same has to be paid by the applicant	Enclosed	Enclosed	Complying
10.8	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as directorate of electricity, chief controller of explosive safety of directorate, state / central pollution control board and any other statutory clearances applicable before applying to Highway Administration	Enclosed	Enclosed	Complying

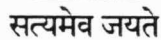
The ROW of the National Highway available at the proposed location from the central line of divided carriage way to ROW extreme edge in rural section is 31.05 m

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

Name designations & Signature of the
Authorized representative of applicant

Satendra Kumar Pal
SATENDRA KUMAR PAL.
HOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022

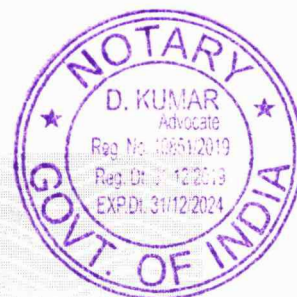
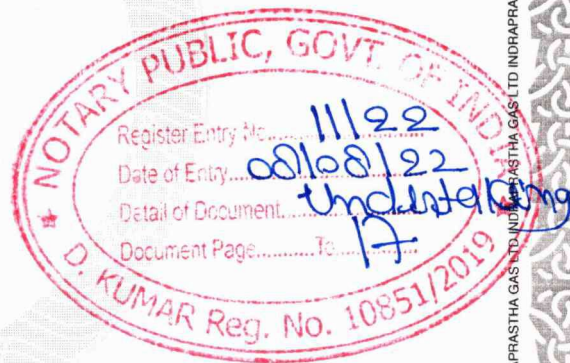
Name designations & Signature of the
concerned field authority of NHAI



Government of National Capital Territory of Delhi

e-Stamp

Certificate No.	: IN-DL68269365660676U
Certificate Issued Date	: 01-Aug-2022 01:06 PM
Account Reference	: IMPACC (IV)/ dl1048003/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL104800318456899587396U
Purchased by	: INDRAPRASTHA GAS LTD
Description of Document	: Article Undertaking
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: INDRAPRASTHA GAS LTD
Second Party	: NHAI
Stamp Duty Paid By	: INDRAPRASTHA GAS LTD
Stamp Duty Amount(Rs.)	: 50 (Fifty only)



UNDERTAKING

Please write or type below this line

Please write or type below this line

Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - 4th Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi.

Indraprastha Gas Ltd, IGL Bhawan, Plot No-4, Community Centre, R.K. Puram, Sector-9, New Delhi-110022, HOD Project – S.K Pal here by undertake that-

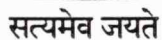
Not to damage to other utility, if damaged then to pay the losses either to MoRTH/ NHAH or to the concerned agency.

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.

SATENDRA KUMAR PAI
IOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022

RAM - 8 AUG 2022



Government of National Capital Territory of Delhi

e-Stamp

Certificate No.	: IN-DL68268821906882U
Certificate Issued Date	: 01-Aug-2022 01:05 PM
Account Reference	: IMPACC (IV)/ dl1048003/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DLDL104800318459425634156U
Purchased by	: INDRAPRASTHA GAS LTD
Description of Document	: Article Undertaking
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: INDRAPRASTHA GAS LTD
Second Party	: NHAI
Stamp Duty Paid By	: INDRAPRASTHA GAS LTD
Stamp Duty Amount(Rs.)	: 50 (Fifty only)



Please write or type below this line

UNDERTAKING

Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi

Indraprastha Gas Ltd, IGL Bhawan, Plot No-4, Community Centre, R.K. Puram, Sector-9, New Delhi-110022, HOD Project – S.K Pal here by undertake that-

For Renewal of Bank Guarantee when asked by MoRTH/NHAI.

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at www.shriestamp.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.
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8 AUG 2022

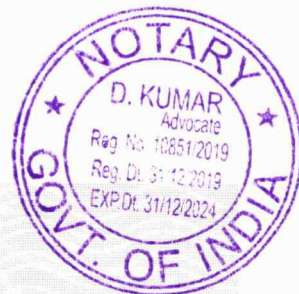


Government of National Capital Territory of Delhi

750

e-Stamp

Certificate No.	: IN-DL68267667815755U
Certificate Issued Date	: 01-Aug-2022 01:04 PM
Account Reference	: IMPACC (IV)/ dl1048003/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL104800318464407003543U
Purchased by	: INDRAPRASTHA GAS LTD
Description of Document	: Article Undertaking
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: INDRAPRASTHA GAS LTD
Second Party	: NHAI
Stamp Duty Paid By	: INDRAPRASTHA GAS LTD
Stamp Duty Amount(Rs.)	: 50 (Fifty only)



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IN-DL68267667815755U

UNDERTAKING

Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi

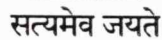
Indraprastha Gas Ltd, IGL Bhawan, Plot No-4, Community Centre, R.K. Puram, Sector-9, New Delhi-110022, HOD Project – S.K Pal here by undertake that-

For confirming all standard condition of MoRTH/ NHA/ Guidelines.

Statutory Alert:

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2. The onus of checking the legitimacy is on the users of the certificate.
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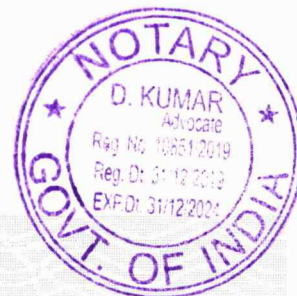
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Certificate No.	: IN-DL68264692660530U
Certificate Issued Date	: 01-Aug-2022 01:02 PM
Account Reference	: IMPACC (IV)/ dl1048003/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL104800318480294720327U
Purchased by	: INDRAPRASTHA GAS LTD
Description of Document	: Article Undertaking
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: INDRAPRASTHA GAS LTD
Second Party	: NHAI
Stamp Duty Paid By	: INDRAPRASTHA GAS LTD
Stamp Duty Amount(Rs.)	: 50 (Fifty only)



Please write or type below this line

UNDERTAKING

Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi

Indraprastha Gas Ltd, IGL Bhawan, Plot No-4, Community Centre, R.K. Puram, Sector-9, New Delhi-110022, HOD Project – S.K Pal here by undertake that-

For shifting of Gas Pipeline as and when asked by MoRTH/ NHAI within a month at our own cost.

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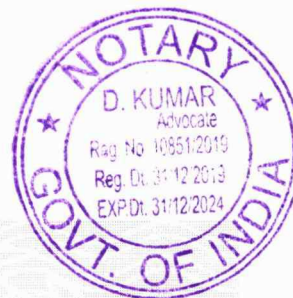
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Certificate Issued Date	: 01-Aug-2022 01:03 PM
Account Reference	: IMPACC (IV)/ dl1048003/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL104800318469435854826U
Purchased by	: INDRAPRASTHA GAS LTD
Description of Document	: Article Undertaking
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: INDRAPRASTHA GAS LTD
Second Party	: NHAI
Stamp Duty Paid By	: INDRAPRASTHA GAS LTD
Stamp Duty Amount(Rs.)	: 50 (Fifty only)



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UNDERTAKING

Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi

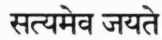
Indraprastha Gas Ltd, IGL Bhawan, Plot No-4, Community Centre, R.K. Puram, Sector-9, New Delhi-110022, HOD Project – S.K Pal here by undertake that-

For Indemnity against all damages and claims

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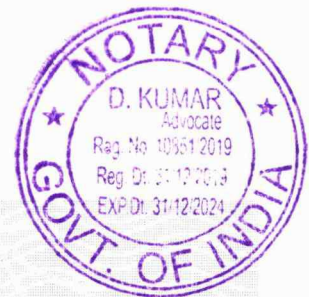
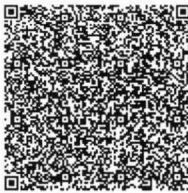


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Certificate No.	: IN-DL68267252884932U
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Account Reference	: IMPACC (IV)/ dl1048003/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DLDL104800318466452228767U
Purchased by	: INDRAPRASTHA GAS LTD
Description of Document	: Article Undertaking
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: INDRAPRASTHA GAS LTD
Second Party	: NHAI
Stamp Duty Paid By	: INDRAPRASTHA GAS LTD
Stamp Duty Amount(Rs.)	: 50 (Fifty only)



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UNDERTAKING

Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi

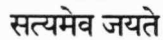
Indraprastha Gas Ltd, IGL Bhawan, Plot No-4, Community Centre, R.K. Puram, Sector-9, New Delhi-110022, HOD Project – S.K Pal here by undertake that-

For management of traffic movement during laying of Gas pipe line without hampering the traffic.

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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.

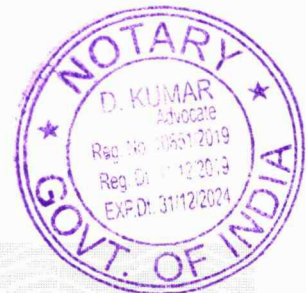
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Certificate No.	: IN-DL68261965588743U
Certificate Issued Date	: 01-Aug-2022 12:59 PM
Account Reference	: IMPACC (IV)/ dl1048003/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL DL104800318481988619538U
Purchased by	: INDRAPRASTHA GAS LTD
Description of Document	: Article Undertaking
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: INDRAPRASTHA GAS LTD
Second Party	: NHAI
Stamp Duty Paid By	: INDRAPRASTHA GAS LTD
Stamp Duty Amount(Rs.)	: 50 (Fifty only)



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UNDERTAKING

Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi

Indraprastha Gas Ltd, IGL Bhawan, Plot No-4, Community Centre, R.K. Puram, Sector-9, New Delhi-110022, HOD Project - S.K Pal here by undertake that-

If any claim is raised by the Concessionaire/ Contractor then the same has to be paid by the applicant.

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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.

by the Concessionaire/ Contractor or then t

Satendra Nath
HOD (Projects)
INDRAPRASTHA GAS LIMITED
SIGL BHAWAN, PLOT NO. 4,
JIGI BHAWAN, PLOT NO. 9 R K PURAM
NEW DELHI-110068

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Certificate No.	: IN-DL68254571918566U
Certificate Issued Date	: 01-Aug-2022 12:53 PM
Account Reference	: IMPACC (IV)/ dl1048003/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DLDL104800318494901551215U
Purchased by	: INDRAPRASTHA GAS LTD
Description of Document	: Article Undertaking
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: INDRAPRASTHA GAS LTD
Second Party	: NHAI
Stamp Duty Paid By	: INDRAPRASTHA GAS LTD
Stamp Duty Amount(Rs.)	: 50 (Fifty only)



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UNDERTAKING

Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi

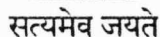
Indraprastha Gas Ltd, IGL Bhawan, Plot No-4, Community Centre, R.K. Puram, Sector-9, New Delhi-110022, HOD Project – S.K Pal here by undertake that-

We will obtain various safety clearances from the representative authorities such as directorate of electricity, chief controller of explosive safety of directorate, state/ central pollution control board and any other statutory clearances applicable before applying to Highway Administration.

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at www.shcstestamp.com, or using e-Stamp Mobile App of Stock Holding Corporation of India Ltd. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.

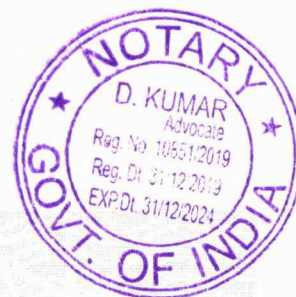
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Certificate Issued Date	: 01-Aug-2022 12:18 PM
Account Reference	: IMPACC (PF)/ dl763913/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL76391318431446719526U
Purchased by	: INDRAPRASTHA GAS LTD
Description of Document	: Article 5 General Agreement
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: INDRAPRASTHA GAS LTD
Second Party	: NHAI
Stamp Duty Paid By	: INDRAPRASTHA GAS LTD
Stamp Duty Amount(Rs.)	: 500 (Five Hundred only)



Please write or type below this line

Enclosure to Ministry of Road Transport & Highways letter No.33044/ 29/2015/S&R(R)
dated 22.11.2016.

AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSIONS
FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS

Agreement for Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM-13.100 (RHS) and crossing at 2 Location at Ch.KM – 7.650 and Ch.KM – 8.300 in the NCT

of Delhi
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This Agreement made this Day of (Month) of (Year) between the President of Indian / National Highways Authority of India (hereinafter called the Government which expression shall, unless excluded by or repugnant to the context, include his successors in office and assigns) of the one part and Indraprastha Gas Ltd., IGL Bhawan, Plot No-4, Community Centre, R.K.Puram, Sector-9, New Delhi-110022, a company registered under the Companies Act 1956 and having its registered office in Delhi, (hereinafter called Licensee), which expression shall unless excluded by or repugnant to context, include his successors/administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia, for development and maintenance of land in Km 7.100 to Km 13.100 of NH No-344M ROW.

Whereas the Licensee proposes to lay Gas Pipeline referred to as utility services in Subsequent paras.

Whereas the Licensee has applied to the Authority for Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi

And whereas the Authority has agreed to grant such permission for way leave on the NH RoW as per terms and conditions herein after mentioned. Now this agreement witnesses esthetic consideration of the condition here in after contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per the approved drawing attached here to subject to the following conditions namely.

1. RoW permissions are only enabling in nature. The purpose of extending the way leave facility on the National Highway RoW is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further enforceability of the permission so granted shall be restricted only to the extent of provisions/ scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the RoW and any subsequent user will be permitted to use the RoW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to 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.



S.K.P. SATENDRA KUMAR PAI.
HOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022

- 8 AUG 2022

3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/ industrial infrastructure facilities.
4. The Licensee shall pay license fees@Rs. / sqm/ month to the Authority. The License fee shall become payable from the date of handing over of RoW land to the Licensee, for laying of utilities/cables/conduits/ pipelines for infrastructure /service provider. As regards Tariff, Terms, and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to paid in advance for the period for which permission is granted for entering in to a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest@15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the RoW. In case of restricted width of RoW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
9. In Exceptional cases, where RoW is restricted the utility services can be allowed beneath the carriage way of service road, if available, subject to the condition that

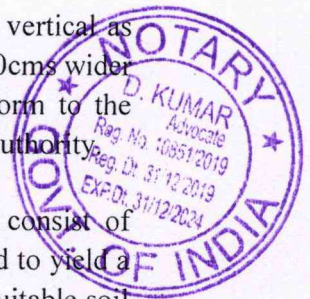
Satendra Kumar Pal
SATENDRA KUMAR PAL
HOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022

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the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the ducts shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.

10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provided for/ landscaped with required safety measures as directed by the concerned Authority;
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fill and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the casing/ conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3 m below the drain inverts. A typical sketch showing the clearances is given in Attachment-I.
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30cm, but not more than 60cms 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 back fill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Over fill to the bottom of the road crust.
 - c. The side fill shall consist of granular material laid in 15cm. Layers each

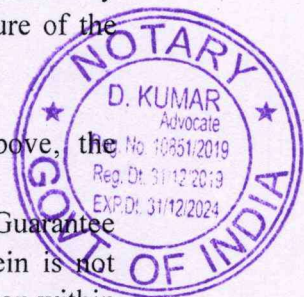


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NEW DELHI-110 022

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consolidated by mechanical tamping 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 ponding will not be permitted.

- d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility Services by proper filling and compaction, so as to restore the land in to the same Condition as it was before digging the trench clearing debris/loose earth produced due to Execution of trenching at least 50m away from the edge of the right of way;
18. All required restoration work subsequent to laying of the cable shall be required to be Undertaken by the Licensee at its cost either by itself or through its authorized Representative In consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee@Rs-100 per route meter / Rs per sqm 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 terms of filling/ unsatisfactory compaction damages caused to the underground Installations/ utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation 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 utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority

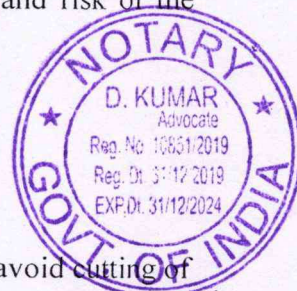


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HOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022

- 8 AUG 2022

to shift/ relocate the utility services, in case it is so required for the purpose of improvement/ widening of the road/ route/ highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.


22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities/underground installations/ facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/ utilities/ facilities etc. before commencement of the excavation/ using the existing cable ducts. The Licensees 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 coordination with Authority shall also have a right make good such damages/recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying
- (a) Minimum disruption of traffic and
 - (b) No damage to the highways as far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/ other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 days in advance with route details prior to digging trenches, For fresh or maintenance/ repair works. As separate performance Bank Guarantee for maintenance/ repair works shall have to be furnished by the Licensee.



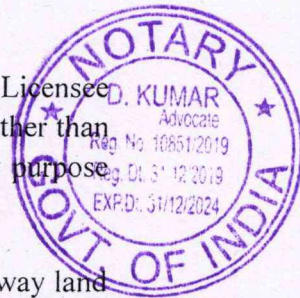
Satendra Kumar Pal
SATENDRA KUMAR PAL
HOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022

- 8 AUG 2022

27. Each day, the extent of digging the trenches should be strictly regulated so that utility services are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall be automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest@15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall be 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 here in expressly granted. No use of NH RoW will permit for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and infeasible 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 vide or recording of flaying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Site at all times to the authorized 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 utility services shall not be made operational by the Licensee unless a completion


SATENDRA KUMAR PAL
HOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022

- 8 AUG 2022



certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at anytime by Authority for breach of any condition of the same and the Licensee shall neither been titled to any compensation for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.

38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, method sand standards shall be adjusted as necessary, to take account of:
- Operation, repair and maintenance guidelines given by the manufacturers,
 - The requirements of Law,
 - The physical conditions at the Site, and
 - The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall keep open to traffic at all times. In case of single lane road, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period, such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However, before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.
42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of their redress mechanisms hall be final and binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee,



Satendra Kumar Pal
SATENDRA KUMAR PAL
HOD (Projects)
INDRAPRASTHA GAS LIMITED
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NEW DELHI-110 022

- 8 AUG 2022

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 one Stamp Paper; each party to this Agreement has retained one stamped copy each.

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

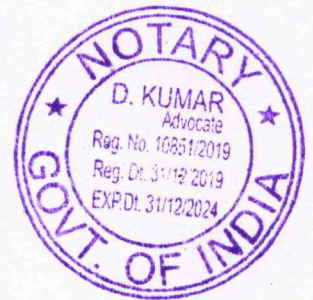
BY SHRI-

(Signature, name & address with stamp)

SIGNED ON BEHALF OF M/S – Indraprastha Gas.Ltd. (LICENSEE)

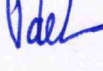
BY SHRI-


S.K Pal
HOD - Project
SATENDRA KUMAR PAL,
HOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022



(Signature, name & address with stamp)

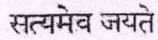
IN THE PRESENCE OF (WITNESSES):

1.  Tarek Nefza

2.  MIRAJ KUMAR

- 8 AUG 2022

ATTESTED
Notary Public
Govt. of India Delhi



Government of Uttar Pradesh

UPENDER KUMAR UPADHYAY (S.N.)
COLLECTORATE
COMPOUND
MUZAFFARNAGAR
ACC CODE UP 14411804

Sanyal

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.

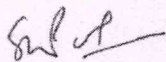
AND WHEREAS pursuant to the Resolution passed by the Board of Directors on 14.01.1999, the Managing Director and/or Director (Commercial) of the Company have been authorized to do various acts and perform various duties as mentioned therein. The Resolution dated 14.01.1999, is attached herewith as Annexure-A.

AND WHEREAS it is considered necessary and expedient to appoint Mr. Satendra Kumar Pal - HOD (Projects), to be the true and Lawful Attorney of the Company (hereinafter referred to as the 'Attorney').

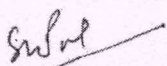
AND NOW THEREFORE I, Sanjay Kumar Managing Director IGL, in the capacity of above vested powers here by authorize and delegate the following powers to Mr. Satendra Kumar Pal - HOD (Projects), to carry out the following acts in matters only connected with Delhi, Ajmer, Gautam Buddha Nagar, Rewari, Gurugram, Karnal, Kaithal, Muzaffarnagar, Kanpur, Ghaziabad and Hapur on behalf of Indraprastha Gas Ltd: -

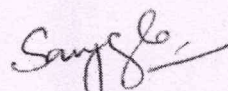
1. To appear and represent the Company before the Central Government, the State Governments, Local Authorities, Local Self Government Bodies, Income Tax Authorities, Public Bodies Officers and similar other Authorities;
2. To sign and execute all Agreement, Undertakings, Applications, Returns, Papers, Receipts, all other documents and to do all or any of the acts, Deeds, Matters and Things as may be considered expedient and necessary on behalf of the Company, in the matters connected herewith; and,
3. To sign and execute Agreements relating to purchase of properties, or to sign and execute lease deed and where necessary to register and any and all Documents including Deeds, leases, etc. before any Authority.

IN WITNESS WHEREOF this General Power of Attorney is signed and sealed on this 25th day of July, 2022.



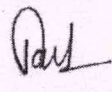
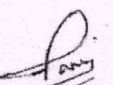
Specimen Signature of Mr. Satendra Kumar Pal


(.....)


(Sanjay Kumar)
Managing Director
Indraprastha Gas Limited
Executant

SANJAY KUMAR
Managing Director
INDRAPRASTHA GAS LIMITED
IGL BHAWAN, PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022

WITNESSES:

1.  Tarun Malhotra
2.  TANUJ GARG



PETROLEUM AND NATURAL GAS REGULATORY BOARD

1st Floor, World Trade Centre, Barakhamba Road, Babar Lane, New Delhi-1

Tel No: 011- 23457700/23457744/23457751

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

Dated: 9th January, 2009

Managing Director
Indraprastha Gas Limited
IGL Bhawan, Plot No. 4
Community Centre, Sector-9
R.K.Puram,
New Delhi-110022.

Subject: - Acceptance of Central Government Authorization for Delhi CGD Network (NCT of Delhi)

Sir,


This has the reference to our letter No: PNGRB/08 Dated 22.10.08 and all other correspondence on this subject including your letter No: IGL/ND/MD/PNGRB dated January 2, 2009 wherein you have submitted Performance Bank Guarantee for Delhi CGD Network (National Capital Territory of Delhi only) vide BG No :172B213090020001 for an amount Rs 10,00,00,000(Rupees Ten Crores).

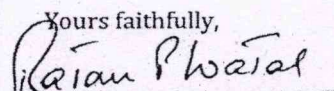
The Petroleum & Natural Gas Regulatory Board in view of the authorization given by the Central Government vide letter Ref: 16019/2/08-GP dated 15th May, 2008, hereby grants exclusivity to M/s IGL for Delhi CGD Network (National Capital Territory of Delhi only) as requested by IGL vide letter No: IGL/NLD/MD/PNGRB dated December 18, 2008, subject to the terms and conditions mentioned below:

- 1) M/s IGL shall abide by the provisions of the PNGRB Act, 2006 and relevant regulations including amendments thereof and regulations, if any, framed from time to time.
- 2) M/s IGL shall abide by the Technical Standards and specifications including Safety Standards (T4S) for, city and/or Local Natural Gas Distribution Networks Regulations 2008 including the Emergency Response & Disaster Management Plan (ERDMP).
- 3) The IGL shall abide to Quality of Service standards as per regulations framed under PNGRB Act, 2006.
- 4) M/s IGL shall abide by the regulations covering exclusivity for marketing of gas from the purview of Contract Carrier & Common Carrier as specified in the Petroleum and Natural Gas Regulatory Board (Exclusivity for City or Local Natural Gas Distribution Network) Regulation, 2008
- 5) The Geographical Area(GA) accepted for CGD Network Authorization is **National Capital Territory of Delhi** and Charge Area (CA) will be 70 numbers of electoral wards as per submitted map duly signed by M/s IGL & PNGRB(Copy enclosed) . The project milestones for the above CGD Network development shall be as per Annex-1.
- 6) M/s IGL shall submit the Network Tariff and Compression Charge for CNG as per the Petroleum & Natural Gas Regulatory Board (Determination of Network Tariff for City or Local Natural Gas Distribution Networks and Compression Charge for CNG) Regulations, 2008 for the approval of the Board separately within 30 days of the issue of this letter.
- 7) The violation of any condition/conditions mentioned in clauses 1 to 5 shall be treated as default and shall be dealt as per the provisions of the PNGRB Act, 2006.

For other areas contained in the Grant of Authorization Letter Dated 15th May, 2008 issued by MOPNG, M/s IGL is hereby advised to furnish all information as has been done in case of NCT of Delhi.

The receipt of this letter may please be acknowledged.


SATENDRA KUMAR PAL
HOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022

Yours faithfully,

(Ratan.P.Watal)

Secretary, PNGRB

पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
Petroleum & Natural Gas Regulatory Board
प्रथम तल, वर्ल्ड ट्रेड सेंटर
1st Floor, World Trade Centre
रोड, नई दिल्ली-110001
New Delhi-110001

ANNEXURE-1

1. Geographical Area (NCT of Delhi) : As per duly sealed & signed MAP-1

2. Charge Area in the given Geographical area with details of year wise coverage in the next 3 years:

Year	Areas as shown in the Map
Year 2009-10	Rajinder Nagar (39), Patel Nagar (24)
Year 2010-11	Karol Bagh(23), Sadar Bazaar (19), Vishwas Nagar (59), Krishna Nagar (60), Gandhi Nagar (61), Bawana(7), Najafgarh (35), Matiala (34)
Year 2011-12	Badarpur (53), Ambedkar Nagar (48), Tuglakabad (52), Chattarpur(46), Ballimaran (22), Chandni Chowk (20), Seemapuri (65), Ghonda (66), Mustafabad (69), Karawal Nagar (70), Kirti (9)

As per duly signed MAP -1.

3. Domestic PNG Connections (Year wise commitment):

Year	Commissioned As on Date	Additional Domestic connection (2009-10)	Additional Domestic connection (2010-11)	Additional Domestic connection (2011-12)
No. of domestic PNG Connections	1,32,000	35,000	35,000	35,000

4. Steel Pipeline length in inch-KM: (Year wise commitment):

Year	Commissioned As on Date	Target (Cumulative) (2009-10)	Target (Cumulative) (2010-11)	Target (Cumulative) (2011-12)
Steel pipeline in inch Km.	824	884	956	1100

5. CNG Compression Capacity in kg/day: (Year wise commitment):

Year	Commissioned As on Date	Target (Cumulative) (2009-10)	Target (Cumulative) (2010-11)	Target (Cumulative) (2011-12)
CNG Compression Capacity in Lac kg/day.	23.76	30.0	33.5	36.0

SATENDRA KUMAR PAI
 HOD (Projects)
INDRAPRASTHA GAS LIMITED
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 COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
 NEW DELHI-110 022

पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
 Petroleum & Natural Gas Regulatory Board
 प्रथम तल, वर्ल्ड ट्रेड सेंटर
 1st Floor, World Trade Centre
 बाबर रोड, नई दिल्ली-110001
 Babar Road, New Delhi-110001

Rajan Phatar
61



PETROLEUM AND NATURAL GAS REGULATORY BOARD

1st Floor, World Trade Centre, Barakhamba Road, Babar Lane, New Delhi-1

Tel No: 011- 23457700/23457744/23457751

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

Dated: 2nd February, 2009

Managing Director
Indraprastha Gas Limited
IGL Bhawan, Plot No. 4
Community Centre, Sector-9
R.K.Puram,
New Delhi-110022.

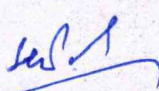
Subject: - Addendum to Acceptance of Central Government Authorization for Delhi CGD Network (NCT of Delhi)

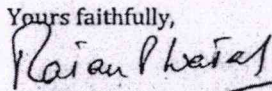
Sir,

This has reference to our letter: S-Infra/II/1/2008-Vol.II Dated 09.01.2009 issued with regard to the acceptance of Central Government Authorization and Grant of Exclusivity for Delhi CGD Network (NCT of Delhi only) to M/s Indraprastha Gas Limited.

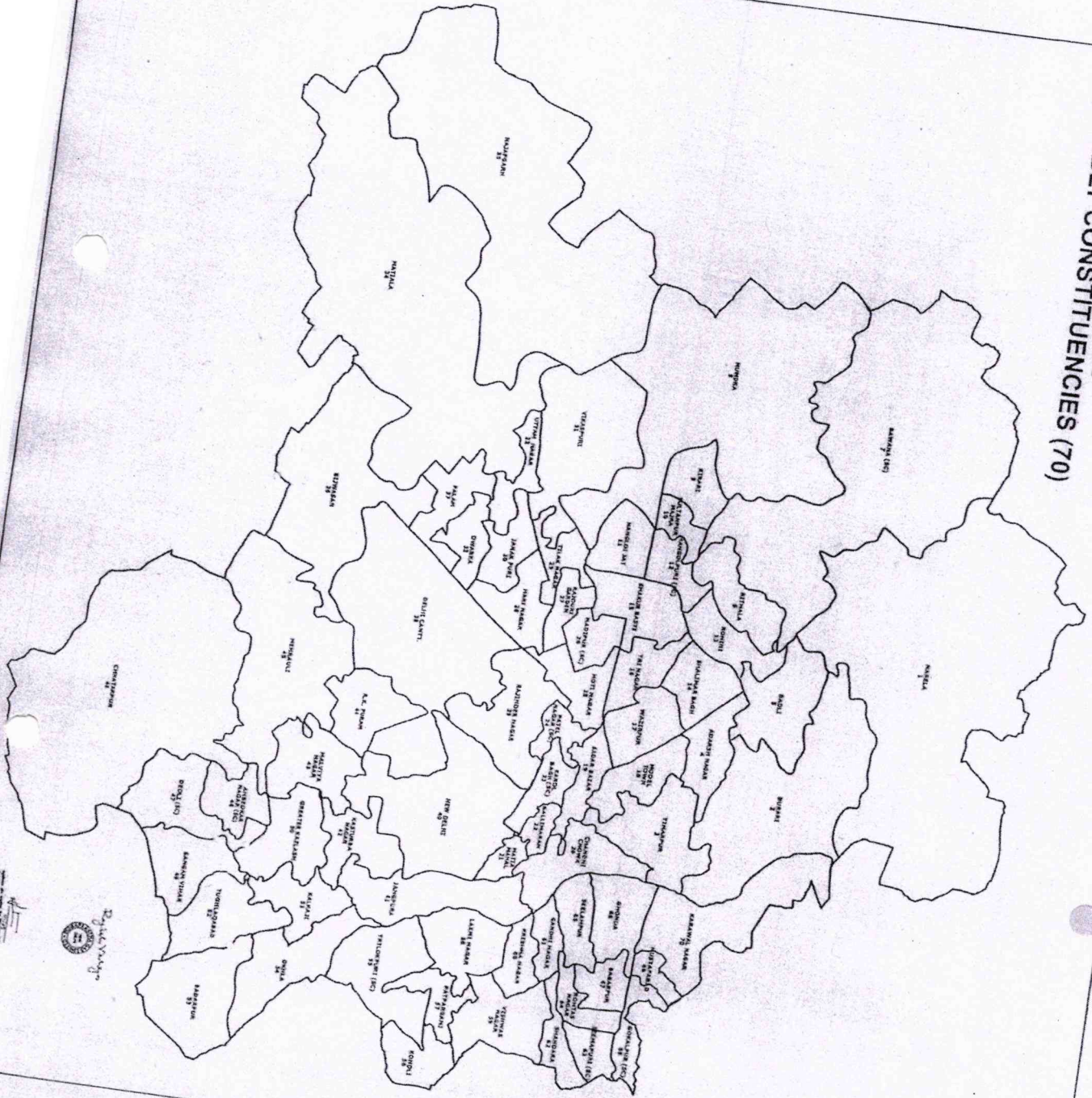
2. As mentioned under agreed terms & conditions of Exclusivity & the Performance Bank Guarantee submitted thereto, the exclusivity granted to M/s IGL shall be for a period of **Three Years** from the date of issue of Performance Bank Guarantee (i.e. from 02.01.09 till 01.01.2012).

This letter necessarily shall form a part of the above referred letter and be read in conjunction for all purposes. The receipt of this letter may please be acknowledged.


SATENDRA KUMAR PAL
HOD (Projects)
INDRAPRASTHA GAS LIMITED
"IGL BHAWAN", PLOT NO. 4,
COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
NEW DELHI-110 022

Yours faithfully,

(Ratan.P.Watal)
Secretary, PNGRB

NCT OF DELHI
DELIMITATION OF
ASSEMBLY CONSTITUENCIES (70)




Satendra Kumar Pal
SATENDRA KUMAR PAL
 HOD (Projects)
 INDRAPRASTHA GAS LIMITED
 "IGL BHAWAN", PLOT NO. 4,
 COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
 NEW DELHI-110 022

License Fee Calculation for Laying of 4" Steel Gas Pipeline along NH- 344M in the State of NCT of Delhi

S.No.	Name of Village	Change of Village		Length of village(in Mtr.)	Outer dia /width of utility line	Utilised NH land Area = Length of Pipeline * Outer diameter of pipe	DM circle rate(Rate unit Area)	License Fees - (Utilised NH land area * Prevailing Circle Rate of land)/(10*12)
		From	To					
1	2	3		4	5	6	7	8
1	Iradat nagar (4" Gas Pipeline) RHS	7.100	7.650	550.00	0.114	62.7	3960	2069
	Iradat Nagar (NH Crossing) 8" Casing	NH Crossing at Km- 7.650		60.00	0.219	13.14	3960	434
2	Holambi Kalan (4" Gas Pipeline) LHS	7.650	8.300	650.00	0.114	74.1	3960	2445
	Holambi Kalan (NH Crossing) 8" Casing	NH Crossing at Km- 8.300		80.00	0.219	17.52	3960	578
3	Sultan pur Dabas (4" Gas Pipeline) RHS	8.300	13.100	4800.00	0.114	547.2	3960	18058
Licence Fee per Month								23584
Licence Fee per Year								283008
Total (Licence Fee for five Years)								1415040
Public Utilities(33% of Total Amount)								466963
Amount in Word- Rupees Four Lakh Sixty Six Thousand Nine Hundred Sixty Three Only								

Calculation of Performance Bank Guarantee

Applicable Performance Bank Guarantee	Rs 100 per mtr for Less than 300 mm Outer Dia Mtr (114 mm Outer Dia) 4" Steel Gas Pipeline, RHS & LHS = Rs. 100 X 6000 = 6,00,000 (Rupees Six Lakh Only)
	Rs 2,00,000 per NH Crossing = Rs- 2,00,000 X 2 No. of NH Crossing = 4,00,000 (Rupees Four Lakh Only)
Total Amount for Bank Guarantee- Rs- Ten Lakh Only (Ten Lakh Only)	


SATENDRA KUMAR PAL
 HOD (Projects)
 INDRAPRASTHA GAS LIMITED
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 NEW DELHI-110 022

भारत सरकार
GOVERNMENT OF INDIA

दिल्ली राजपत्र
सत्यमेव जयते
Delhi Gazette

एस.जी.-डी.एल.-अ.-26022021-225518
SG-DL-E-26022021-225518

असाधारण
EXTRAORDINARY

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 76]	दिल्ली, शुक्रवार, फरवरी 26, 2021/ फाल्गुन 7, 1942	[रा.रा.रा.क्षे.दि. सं. 348
No. 76]	DELHI, FRIDAY, FEBRUARY 26, 2021/ PHALGUNA 7, 1942	[N. C. T. D. No. 348

भाग IV
PART IV

राष्ट्रीय राजधानी राज्य क्षेत्र दिल्ली सरकार
GOVERNMENT OF THE NATIONAL CAPITAL TERRITORY OF DELHI

राजस्व विभाग

अधिसूचना

दिल्ली, 26 फरवरी, 2021

सं. फा. 1 (2854)/पंजी. शाखा/मंडलीय आयुक्त/मुख्यालय/2020/5453.—गृह मंत्रालय, भारत सरकार की दिनांक 22 जुलाई, 1961 के एसओ 1736 (सं. 2/5/61-न्याय-II) तथा दिनांक 07 सितंबर, 1966 की अधिसूचना एसओ 2709 (41/2/66-दिल्ली) के साथ पठित दिल्ली स्टाम्प (लिखित अवमूल्यांकन रोकथाम) नियमावली, 2007 के नियम 4 द्वारा प्रदत्त शक्ति का प्रयोग करते हुए तथा और इस सरकार की 22 सितंबर, 2014 की अधिसूचना सं. फा 1 (953)/पंजी. शाखा/मंडलीय आयुक्त/मुख्यालय/2020/5943 के अधिक्रमण में राष्ट्रीय राजधानी क्षेत्र दिल्ली के उपराज्यपाल एतद्वारा उक्त अधिनियम तथा इसके अन्तर्गत बनाये गये नियमों के प्रयोजन के लिए दिल्ली में भूमि के मूल्यांकन तथा अचल संपत्तियों के लिये न्यूनतम दरों (सर्किल दरों) में छूट को अधिसूचित करते हैं, इस अधिसूचना के साथ संलग्न संलग्नक-1 में यथाविनिर्दिष्ट, और चूंकि यह माना जाता है कि इन न्यूनतम दरों को तुरन्त लागू किया जाना चाहिए, उपराज्यपाल आगे निर्देश देते हैं कि वे पूर्व प्रकाशन के बिना लागू होंगे।

भारतीय स्टाम्प अधिनियम, 1899 (1899 का 2) और भारतीय पंजीकरण अधिनियम, 1908 (1908 का XVI) के प्रावधानों के तहत सभी पंजीकृत अधिकारियों द्वारा दिल्ली में भूमि, अचल संपत्तियों से संबंधित प्रलेखों के पंजीकरण के समय दिल्ली में लागू करने के लिए उपरोक्त दरों पर विचार किया जायेगा।

ये संशोधित दरें 30/09/2021 तक तत्काल प्रभाव से लागू होंगी।

दिल्ली राष्ट्रीय राजधानी के उपराज्यपाल के
आदेश से और उनके नाम पर,

संजीव खिरवार, प्रधान सचिव-सह-मंडलीय-आयुक्त (राजस्व)

भारतीय स्टाम्प अधिनियम के अन्तर्गत स्टाम्प शुल्क के भुगतान के उद्देश्य के लिये भूमि और संपत्तियों के मूल्यांकन के लिये न्यूनतम दरें (सर्किल दरें), दिल्ली में पंजीकरण अधिनियम, 1908 के अन्तर्गत दिल्ली एवं पंजीकरण शुल्क पर यथा लागू:-

तालिका-1

आवासीय प्रयोग हेतु न्यूनतम भूमि दरें		
इलाके की श्रेणी	आवासीय प्रयोग के लिये भूमि के मूल्यांकन की वर्तमान न्यूनतम दरें (रुपये प्रति वर्ग मीटर में)	आवासीय प्रयोग के लिये भूमि के मूल्यांकन हेतु प्रभावी सर्किल दरें (रुपये प्रति वर्ग मीटर में)
ए	774000	619200
बी	245520	196416
सी	159840	127872
डी	127680	102144
ई	70080	56064
एफ	56640	45312
जी	46200	36960
एच	23280	18624

तालिका-2

आवासीय उपयोग के लिये निर्माण लागत की न्यूनतम दरें		
इलाके की श्रेणी	आवासीय प्रयोग के लिये निर्माण की वर्तमान न्यूनतम दरें (रुपये प्रति वर्ग मीटर में)	आवासीय प्रयोग के लिये भूमि के मूल्यांकन हेतु प्रभावी सर्किल दरें (रुपये प्रति वर्ग मीटर में)
ए	21960	17568
बी	17400	13920
सी	13920	11136
डी	11160	8928
ई	9360	7488
एफ	8220	6576
जी	6960	5568
एच	3480	2784

तालिका-3

व्यावसायिक उपयोग के लिये निर्माण लागत की न्यूनतम दरें		
इलाके की श्रेणी	व्यावसायिक उपयोग के लिए निर्माण की वर्तमान न्यूनतम दरें (रुपये प्रति वर्ग मीटर में)	आवासीय उपयोग हेतु भूमि के मूल्यांकन के लिये प्रभावी सर्किल दरें (रुपये प्रति वर्ग मीटर में)
ए	25200	20160
बी	19920	15936
सी	15960	12768

डी	12840	10272
ई	10800	8640
एफ	9480	7584
जी	8040	6432
एच	3960	3168

तालिका-4

चार तलों तक निर्मित फ्लैटों की न्यूनतम दरें				
कुरसी क्षेत्र के आधार पर फ्लैट की श्रेणी (वर्ग मीटर)	दिल्ली विकास प्राधिकरण कॉलोनियों और ग्रुप हाउसिंग सोसायटी (आवासीय उपयोग के मामले में) के लिए वर्तमान न्यूनतम निर्मित दर (रुपये प्रति वर्ग मीटर में)	दिल्ली विकास प्राधिकरण कॉलोनियों और ग्रुप हाउसिंग सोसायटी (आवासीय उपयोग के मामले में) के लिए प्रस्तावित वर्तमान न्यूनतम निर्मित दर (रुपये प्रति वर्ग मीटर में)	दिल्ली विकास प्राधिकरण कॉलोनियों/सहकारी आवास समितियों/प्राइवेट बिल्डरों के फ्लैटों (व्यावासायिक उपयोग के मामले में) वर्तमान न्यूनतम दर (रुपये प्रति वर्ग मीटर)	दिल्ली विकास प्राधिकरण कॉलोनियों/सहकारी आवास समितियों/प्राइवेट बिल्डरों के फ्लैटों (व्यावासायिक उपयोग के मामले में) प्रस्तावित न्यूनतम दर (रुपये प्रति वर्ग मीटर)
30 वर्ग मीटर तक	50400	40320	57840	46272
30 से ऊपर तथा 50 वर्ग मीटर तक	54480	43584	62520	50016
50 से ऊपर तथा 100 वर्ग मीटर तक	66240	52992	75960	60768
100 वर्ग मीटर से ऊपर	76200	60960	87360	69888

तालिका-5

चार तलों से अधिक वाले तक निर्मित फ्लैटों की न्यूनतम दरें		
संपत्ति की श्रेणी	वर्तमान न्यूनतम निर्मित दर (रुपये प्रति वर्ग मीटर में)	प्रभावी न्यूनतम निर्मित दर (रुपये प्रति वर्ग मीटर में)
आवासीय	87,840/-	70,272/-
व्यावसायिक	1,00,800/-	80,640/-

- दिनांक 22/9/2014 की अधिसूचना संख्या फा. 1 (953)/पंजी. शाखा/मंडलीय आयुक्त/मुख्यालय/आर/2014/5943 के द्वारा यथा अधिसूचित विभिन्न श्रेणियों के गुणक कारक सर्किल दरों में 20 प्रतिशत की परिकल्पित कटौती के बाद भी निरन्तर लागू होंगे।

टीप : जहां फ्लैट के अलावा किसी स्वतंत्र सम्पत्ति का एक भाग कुरसी क्षेत्र जैसे एक फ्लोर बेचा जाता है तो सम्बन्धित न्यूनतम भूमि लागत बेचे गये अनुपातिक कुरसी क्षेत्र के लिए लगाई जायेगी तथा बेचे गये कुरसी क्षेत्र पर न्यूनतम निर्माण लागत प्रयोग की जायेगी।

REVENUE DEPARTMENT

NOTIFICATION

Delhi, the 26th February, 2021

No. F. 1(2854)/Regn.Br./Div.Comm./HQ/2020/5453.—In exercise of power conferred by rule 4 of the Delhi Stamp (Prevention of Under-Valuation of Instruments) Rules, 2007 read with the Ministry of Home Affairs, Government of India S.O. 1736 (No. 2/5/61-Judl-II) dated the 22nd July, 1961 and Notification S.O. 2709 (41/2/66-Delhi), dated the 7th September 1966 and in supersession of this Government's Notification No. F. 1(953)/Regn. Br./Div.Com/HQ/2014/5943 dated the 22nd September, 2014, the Lt. Governor of the National Capital Territory of Delhi hereby notifies the relaxation in the minimum rates (Circle rates) for valuation of lands and immovable properties in Delhi for the purposes of the said Act and Rules made there under, as specified in Annexure-I annexed to this notification and since it is considered that these minimum rates should be brought into force at once, the Lt. Governor further directs that they shall come into force without previous publication.

The above rates, inter alia, shall be taken into consideration for registration of instruments relating to lands and immovable properties in Delhi by all the Registering Authorities under the provisions of the Indian Stamp Act, 1899 (2 of 1899) and the Indian Registration Act, 1908 (XVI of 1908) as in force in Delhi at the time of registration of instruments.

These revised rates shall come into force with immediate effect till 30/09/2021.

By Order and in the Name of the Lt. Governor
of the National Capital Territory of Delhi,

SANJEEV KHIRWAR, Principal Secy.-cum-Divisional Commissioner (Revenue)

Minimum Rates (Circle Rates) for valuation of land and properties for the purpose of payment of Stamp duty under Indian Stamp Act, as applicable to Delhi & registration fees under the Registration Act, 1908 in Delhi:-

TABLE 1

MINIMUM LAND RATE FOR RESIDENTIAL USE		
Category of the locality	Present minimum rates for valuation of land for residential use (in Rs. Per Sq.Mtr.)	Effective Circle Rates for valuation of land for residential use (in Rs. Per Sq.Mtr.)
A	774000	619200
B	245520	196416
C	159840	127872
D	127680	102144
E	70080	56064
F	56640	45312
G	46200	36960
H	23280	18624

TABLE 2

MINIMUM RATES FOR COST OF CONSTRUCTION FOR RESIDENTIAL USE		
Category of the locality	Present minimum rates of construction for residential use (in Rs. Per Sq.Mtr.)	Effective Circle Rates for valuation of land for residential use (in Rs. Per Sq.Mtr.)
A	21960	17568
B	17400	13920

C	13920	11136
D	11160	8928
E	9360	7488
F	8220	6576
G	6960	5568
H	3480	2784

TABLE 3

MINIMUM RATES FOR COST OF CONSTRUCTION FOR COMMERCIAL USE		
Category of the locality	Present minimum rates of construction for commercial use (in Rs. Per Sq.Mtr.)	Effective Circle Rates for valuation of land for residential use (in Rs. Per Sq.Mtr.)
A	25200	20160
B	19920	15936
C	15960	12768
D	12840	10272
E	10800	8640
F	9480	7584
G	8040	6432
H	3960	3168

TABLE 4

MINIMUM RATES OF BUILT-UP FLATS UP TO FOUR STOREY				
Category of flats depending on plinth area (sq.mtr.)	Present minimum built-up rate (in rupees per sq. mtr.) for DDA colonies and Group Housing Society (in case of residential use)	Proposed minimum built-up rate (in rupees per sq. mtr.) for DDA colonies and Group Housing Society (in case of residential use)	Present minimum built-up rate (in rupees per sq. mtr.) for DDA colonies / Cooperative Housing Societies / flats by private builders (in case of commercial use)	Proposed minimum built-up rate (in rupees per sq. mtr.) for DDA COLONIES / Cooperative Housing Societies / flats by private builders (in case of commercial use)
Upto 30 sq. mtr.	50400	40320	57840	46272
Above 30 and upto 50 sq. mtr.	54480	43584	62520	50016
Above 50 and upto 100 sq. mtr.	66240	52992	75960	60768
Above 100 sq. mtr.	76200	60960	87360	69888

TABLE 5

MINIMUM RATES OF BUILT-UP FLATS HAVING MORE THAN FOUR STOREYS		
Category of Property	Present minimum built-up rate (in rupees per sq. mtr.)	Effective minimum built-up rate (in rupees per sq. mtr.)
Residential	87,840/-	70,272/-
Commercial	1,00,800/-	80,640/-

- The Multiplying factors applicable to the various categories as notified by the notification No. F. 1/953/Regn.Br./Div.Comm./HQ/R/2014/5943 dated 22/09/2014 shall continue to apply even after 20% envisaged reduction in the Circle Rates.

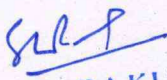
Note: Where part plinth area, say one floor, of an independent property other than a flat is sold, the relevant minimum land cost may be taken for the proportionate plinth area sold, and minimum cost of construction applied on plinth area sold.

Project Name	Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi
Client	M/s. INDRAPRASTHA GAS LTD

**Job Procedure for
HORIZONTAL DIRECTIONAL DRILLING (HDD)**

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SATENDRA KUMAR PAL
 HOD (Projects)
 INDRAPRASTHA GAS LIMITED
 "IGL BHAWAN", PLOT NO. 4,
 COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
 NEW DELHI-110 022



Project Name	Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM - 7.100 to Ch.KM - 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM - 7.650 and Ch.KM - 8.300 in the NCT of Delhi
Client	M/s. INDRAPRASTHA GAS LTD

1.0 SCOPE:

This procedure covers the minimum requirements of various activities to carry out for the Engineering and construction of pipeline crossing using Horizontal Directional Drilling along the route of laying of 12" Carbon Steel Gas Pipeline, 50 mm OFC Duct (LHS) from NH Ch. Km-486.000 (Kulganv Mod) to NH Ch. Km- 552.000 (Lalganj Bypass) & 125 mm MDPE Pipeline from NH Ch. Km-486.000 to NH Ch. Km- 501.409 (LHS) in same trench, along the National Highway No-02 (New NH-19) in the state of Uttar Pradesh

2.0 EQUIPMENT & MAN POWER

- HDD Machine & Silicon Roller
- Hydra
- Holiday Crew
- Supervisor
- Holiday Machine
- Welding Machine
- Grinding Machine
- Welding Crew

3.0 METHOD

Pre Construction Survey


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

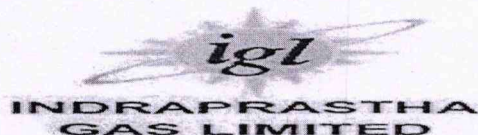
After completion of Pre-construction survey a detailed drawing & Design calculation will be prepared with all relevant data such as elevation, levels etc. and will submitted to IGL for approval.

Design & Engineering

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

If any underground facilities like pipeline, cable etc. are encountered during survey, the same will be crossed with a minimum clearance of 500 mm from the buried utilities or as required by authorities having jurisdiction. The entry & exit point of the section will be fixed on ground level as per approved


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NEW DELHI-110 022



Project Name	Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi
Client	M/s. INDRAPRASTHA GAS LTD

drawings. Calculation for determining the maximum permissible overburden on pipe to check that the empty pipeline is safe from collapse at any points in the drilled crossing section will be submitted to IGL for approval. Calculation will be made to determine the stresses & power requirements considering following facts and submitted to IGL for their approval

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

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

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

Pipeline configuration

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

Construction

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

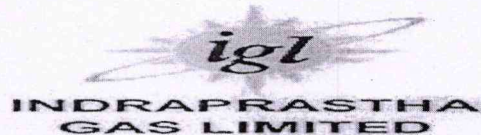
Installation procedure

IGL will submit a detailed installation procedure for approval before commencing any work at site comprising of project organization chart, details of equipment, hydrostatic test procedure, method of installation, calculations, time schedule etc.

String Preparation

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

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 NEW DELHI-110 022



Project Name	Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM - 7.100 to Ch.KM - 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM - 7.650 and Ch.KM - 8.300 in the NCT of Delhi
Client	M/s. INDRAPRASTHA GAS LTD

Pre-Testing

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

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

Site Preparation

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

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

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

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

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


HDD Drilling Operation

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

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

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

Once the drill bit exits at the exit point of the drill hole, the drill bit, steering tools etc. will be detached and reamer will be attached to the drill steering. During the reaming process bentonite slurry will be pumped under high-pressure through the reamer. As the reamer is pulled back by the drill rig, drill


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Project Name	Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM – 7.100 to Ch.KM – 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM – 7.650 and Ch.KM – 8.300 in the NCT of Delhi
Client	M/s. INDRAPRASTHA GAS LTD

pipes will be attached continuously behind the reamer for the subsequent reaming and pipe pulling operations. The reaming operation will be repeated to achieve the required size of the hole.

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

Length tolerance will be controlled within 1% of crossing length 3.

1. Size of the back reamed hole will be maintained approximately at 1.5 times the pipeline diameter.

Pulling

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

The pull head will be connected to the drill rig.

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

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

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

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

Integrity of the corrosion coating

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

Post Hydro-test

After installation, the complete string will be hydrostatically tested for 24 Hrs. (if needed).

Final Clean up

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

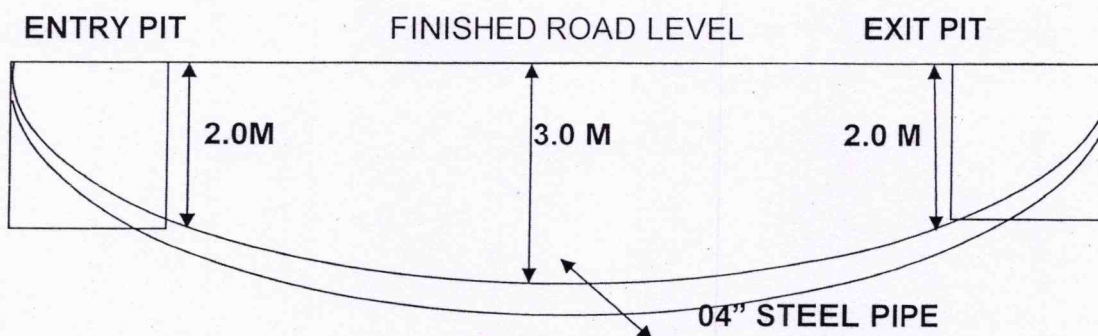
4.0 Health, Safety & Environment:

- Proper barricading has to be done for this work
- PPE is a must in this activity
- Machine operator involved shall be an experienced person.
- It is to be noted that the special care to be adopted against snake / insects bite.

Satendra Kumar Pal
 SATENDRA KUMAR PAL
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 COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
 NEW DELHI-110 022

Project Name	Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM - 7.100 to Ch.KM - 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM - 7.650 and Ch.KM - 8.300 in the NCT of Delhi
Client	M/s. INDRAPRASTHA GAS LTD

- Only trained rigging personnel to be deployed for this activity.
- All Measuring & Test Equipment used shall be well maintained.
- All lifting devices & Tolls used shall be well maintained



ENTRY PIT DIMENSION

LENGTH 2.00 MTR
 WIDTH 1.0 MTR
 DEPTH 2.0 MTR

ENTRY PIT DIMENSION

LENGTH 3.00 MTR
 WIDTH 1.0 MTR
 DEPTH 2.0 MTR

HDD CROSS SECTION


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 NEW DELHI-110 022



Project Name	Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM - 7.100 to Ch.KM - 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM - 7.650 and Ch.KM - 8.300 in the NCT of Delhi
Client	M/s. INDRAPRASTHA GAS LTD

**Job Procedure for
TRENCHING**

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 COMMUNITY CENTRE, SECTOR-9, R.K. PURAM
 NEW DELHI-110 022



Project Name	Permission for Laying of 4" NB Carbon Steel Gas Pipeline from western canal link road - NH Junction to be laid Parallel and across NH- 344M at Ch.KM - 7.100 to Ch.KM - 7.650 (RHS), Ch.KM- 7.650 To Ch.KM-8.300 (LHS), Ch.KM- 8.300 to Ch.KM- 13.100 (RHS) and crossing at 2 Location at CH.KM - 7.650 and Ch.KM - 8.300 in the NCT of Delhi
Client	M/s. INDRAPRASTHA GAS LTD

1.0 PURPOSE

The purpose of this work instruction is to establish guidelines and requirements to control the trenching activity to be used for laying of 12" Carbon Steel Gas Pipeline, 50 mm OFC Duct (LHS) from NH Ch. Km-486.000 (Kulganv Mod) to NH Ch. Km- 552.000 (Lalganj Bypass) & 125 mm MDPE Pipeline from NH Ch. Km-486.000 to NH Ch. Km- 501.409 (LHS) in same trench, along the National Highway No-02 (New NH-19) in the state of Uttar Pradesh

2.0 SCOPE

This scope covers the Trenching in all type of soil or in rock for pipeline for Construction. It also covers the blasting of trench and removal of scattered rock and debris from ROW.


3.0 EQUIPMENTS & MAN POWER

JCB : As Per Requirement
Civil Labour : As Per Requirement
Supervisor : 01 Nos.

4.0 METHODOLOGY

As a sequence operation trenching is to start with a reference line marked as the centerline of the trench. Trail Pits shall be prepared wherever required to locate the OFC, Power Cable, existing pipeline crossing or any other obstacles.

If deemed necessary by IGL or concerned authorities where numerous utilities may be encountered, IGL should carry out the excavation normally. The areas identified for existing utilities shall be marked with temporary painted post and uncovering/exposing of same shall be done manually. Use of excavator bucket is not permitted. In case of damage of any existing utilities IGL and concerned authority should be informed immediately without any delay. Rectification for same shall be done by the contractor at his own cost.


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For normal soil trench shall be prepared as per detail TYPE 1 (typical trench detail in normal soil) as stipulated in standard drawing, TEIND-STD-G-M-2002 (released for construction). For rocky and seismic fault zone trench will be prepared as per specification/ drawings (as applicable).

Excavation to additional depth may be done if pipeline approaches or crosses other pipelines, sewer, drain pipes, telephone conduits, permission from concerned authority shall be obtained by the contractor removing, shifting of existing utilities like cables, pipelines, poles or pylons etc during excavation. The pipeline is laid at a minimum clearance unless otherwise stated in particular crossing drawing (This clearance shall be at least 0.3m when the pipeline crosses the existing line and 3.0m when they are parallel). Or as per statutory requirement whichever is more stringent shall be followed.

Ditches, sewers, drains and other natural waterways shall be maintained open & functional. Where ever in the execution, work shall be maintained if not possible facility would be provided using temporary pipeline crossings. The trench excavated should have a minimum width as indicated in the job drawing / specifications. The depth of the cover should be measured from the top of the pipe. Corrosion coating to the top of undisturbed surface of the soil or top of rail or top of road whichever is lower. The depth should be sufficient provided maximum coverage is mentioned below.

The trench shall be dug in such a way that is symmetrical in relation to the axis of the channel actually marked out.

Directional changes on the trench floor should tally with the draft longitudinal profile perfectly – both horizontally and vertically – and with changes in pipe direction so that welded pipe sections lie in a continuous and uniform manner along the trench floor.


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The depth of the trench will be such as to provide minimum cover from the generatrix of pipe and top of the surface as stipulated below for reference:

i) Normal surface i.e., Road & Residential Area	-	1.20 meter
ii) Minor Water Crossings/Canal (Open cut / boring)	-	1.50 meter
iii) Drainage ditches at Road	-	1.50 meter
iv) Rocky Areas	-	1.00 meter
v) Cased/ Uncased Road crossing	-	1.50 meter
vi) Railway Crossing	-	3.5 meter
vii) other areas	-	1.20 meter
Viii) Major Water crossing/ Canals	-	5 meter (below scour depth)
ix) HDD/ Micro -tunneling	-	2.5 meter (below scour depth)

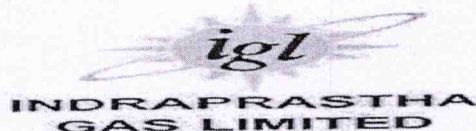
Prior approval shall be taken for trench profile at special crossings stated above.

In rocky soil, the trench must be excavated with a mechanical trencher fitted with suitable teeth which assured maximum fragmentation of the excavated material. Any Explosive material should not be used. If blasting is required at some hard rocky area, the work will be done as per approved procedure & with prior permission of concerned authority.

If the use of mechanical trencher is unfeasible for technical reasons, excavation is to be carried out with excavator equipped with a bucket/breaker.

Wherever required Dewatering from trench should be carried out with dewatering pumps and drain water should be discharge to nearest Nala /river /canal or in proper location so it should avoid difficulties in local area.

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The Trench walls/bottom must be free of hard and protruding points to avoid damaging of the pipeline coating when it is being lowered in.

Pipeline must be laid in the trench without any interruption i.e. the completed section at the time and the activity may be carried out to avoid any accidents.

5.0 HEALTH, SAFETY & ENVIRONMENT

- Machine operator involved shall be an experienced person.
- PPE shall be used in this activity.
- Only trained operators to be deployed for this activity.
- Personnel around the machine (if any) should be cautious about overhead falling objects.
- During the movement of earth moving equipment the operator should blow horn to caution the people around.
- All Measuring & Test Equipment used shall be well maintained.
- Excavated Area should be barricaded.
- Provide ladders wherever possible for better approach to the working area if Depth is > 1Mtr.
- Shoring all around the pit shall be checked prior to start of excavation and if required adequate amount of shoring to be done.
- Minimum persons should go in to the pit.
- Only certified and validated tools & tackles to be used.

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- Underground pipe to be located by pipe locators prior to start of Trenching.
- First aid box to be maintained at site.
- Emergency contact number to be installed on site.