

## **Justification for locating the Project in forest land**

### **Background:**

City Gas Distribution (CGD) business has grown at a rapid pace in India since the late 1990s on the strength of both a Supreme Court mandate for the conversion of commercial auto-motives in few cities from traditional liquid fuels to compressed Natural Gas (CNG) and the favourable economics of such conversion for end-users.

Petroleum and Natural Gas Regulatory Board (PNGRB) had notified various regulations related to the development and operations of CGD business in India. IOCL and AGL participated as consortium in 2nd Bid Round and won the "authorization" for Chandigarh geographical area. PNGRB has issued the authorization letter to the consortium on 8th May, 2013. IOCL & AGL have formed a separate Joint Venture Company in the name of "Indian Oil Adani Gas Private Limited" (IOAGPL) to execute the projects at Allahabad and Chandigarh.

### **Proposal and Justification:**

As part of the project, 12" pipeline shall be laid along the road in the existing ROW, only. The proposed 12" pipeline is passing through Madhya Marg from IT park red light to shivalik Nursery towards transport chowk. The pipeline shall be laid along the right hand side of the road in the existing ROW. In this regard, the permissions have been received from the MC Chandigarh (3.850 km).

IOAGPL has also planned the pipeline laying within the existing right of way without cutting of the trees and no other alternative route for pipeline laying is feasible.

In this regard, kindly refer to the notification ref no. F.No. 11-09/98-FC dt 07.11.2014 issued by MoEF&CC (Forest Conservation Division) (Copy attached) wherein general approval under section 2 of the Forest (Conservation) Act 1980 has been accorded for laying of underground CNG / PNG pipeline along the roads within existing right of way without felling of trees.

This project is a sub part of the City gas Distribution for Chandigarh geographical Area comprising of Chandigarh, SAS Nagar, Panchkula, and Baddi. This project is of beneficial in environmental aspects as Natural Gas is one of the cleanest fuels available in the world, if compared to other conventional fuels like Petrol, Diesel, Furnace Oil and LPG.

The bare minimum land is proposed for laying of the pipeline in the existing ROU's of MC Chandigarh. No alternate pipeline route is available for laying of the pipeline.

Employment shall be generated during construction activities for the local population and afterwards during operation and maintenance of the facilities.

IndianOil-Adani Gas Private Limited

**F. No. 11-09/ 98-FC**  
**Government of India**  
**Ministry of Environment, Forests and Climate Change**  
**(Forest Conservation Division)**

Indira Paryavaran Bhawan,  
Aliganj, Jor Bagh Road,  
New Delhi - 110 003

Dated: 7<sup>th</sup> November, 2014

**To**  
**The Principal Secretary (Forests),**  
**All State / Union Territory Governments**

**Sub:** Guidelines for diversion of forest land for non-forest purposes under the Forest (Conservation) Act, 1980-Guidelines related general approval under Section-2 of the Forest (Conservation) Act, 1980 for underground laying of optical fibre cables, telephone lines and drinking water supply pipelines- reg.

Sir,

I am directed to refer to this Ministry's letters of even number dated 16<sup>th</sup> October 2000, 31<sup>st</sup> October 2001, 23<sup>rd</sup> December 2002, 19<sup>th</sup> September 2003, 21<sup>st</sup> November 2005 and 18<sup>th</sup> April 2009 wherein this Ministry accorded general approval under Section-2 of the Forest (Conservation) Act, 1980 for underground laying of optical fibre cables, telephone lines and drinking water supply pipelines along the roads within existing right of way not falling in National Parks and Wildlife Sanctuaries, without felling of trees, where the maximum size of the trench is not more than 2.00 meter depth and 1.00 meter width subject to fulfillment of conditions stipulated in this Ministry's said letter dated 16<sup>th</sup> October 2000.

This Ministry has received representation to extend the said general approval to underground laying of CNG pipelines also.

I am directed to say that after careful consideration of the matter, this Ministry has decided to extend the said general approval to underground laying of CNG/ PNG pipelines along the roads within existing right of way not falling in National Parks and Wildlife Sanctuaries, without felling of trees, where the maximum size of the trench is not more than 2.00 meter depth and 1.00 meter width subject to fulfillment of conditions stipulated in this Ministry's said letter dated 16<sup>th</sup> October 2000.

This issues with approval of the Competent Authority.

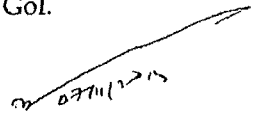
Yours faithfully,

  
(H.C. Chaudhary)  
Director

**Copy to:-**

1. Prime Minister's Office (*Kind attn.:* Shri Santosh D. Vaidya, Director).
2. Secretary, Ministry of Road Transport and Highways, Government of India, New Delhi.

3. Secretary, Ministry of Defence, Government of India.
4. Secretary, Ministry of Home Affairs, Government of India, New Delhi.
5. Secretary, Ministry of Rural Development, Government of India, New Delhi.
6. Principal Chief Conservator of Forests, all State/UT Governments.
7. Nodal Officer, the Forest (Conservation) Act, 1980, all State/UT Governments.
8. All Regional Offices, Ministry of Environment, Forests and Climate Change (MoEFCC), GoI.
9. Joint Secretary in-charge, Impact Assessment Division, MoEFCC, GoI.
10. All Assistant Inspector General of Forests/ Director in the Forest Conservation Division, MoEFCC, GoI.
11. Director Regional Office Headquarters Division, MoEFCC, GoI.
12. Sr. Director (Technical), NIC, MoEFCC with a request to place a copy of the letter on website of this Ministry.
13. Sr. PPS to the Secretary, Environment and Forests.
14. Sr. PPS to the Director General of Forests & Special Secretary, MoEFCC, GoI.
15. Sr. PPS to the Addl. Director General of Forests (Forest Conservation), MoEFCC, GoI.
16. PS to the Inspector General of Forests (Forest Conservation), MoEFCC, GoI.
17. Guard File.

  
 (H.C. Chaudhary)  
 Director

11-9/98 - FC

Government of India  
Ministry of Environment and Forests  
F.C. Division

Paryavaran Bhawan,  
CGO Complex, Lodhi Road,  
New Delhi - 110 003.

Dated: 16.10.2000

The Secretary (Forests)- (All States/UTs).

**Sub: Guidelines for diversion of forest land for non-forest purposes under the Forest (Conservation) Act, 1980.**

Sir,

Detailed guidelines for submission of proposals for diversion of forest land for non-forestry purposes under the Forest (Conservation) Act, 1980 were finalised and circulated to all the State Government/Union Territories on 25.10.1992. A constant review of these guidelines has been done from time to time. After a recent review the Ministry has observed that in certain proposals of public importance involving laying underground telephone lines/optical fiber cables and drinking water supply pipelines the land requirement is small, the land use is temporary & usually one time affair, is in a form of strip with minimum damage, which is restored after use and are normally laid along the roads.

In view of the above, the Central Government hereby conveys its general approval under Section-2 of the Forest (Conservation) Act., 1980 for diversion of forest land for underground laying of optical fiber cables, underground laying of telephone lines & underground laying of drinking water supply pipelines which involve no tree felling, are outside National Parks or Wildlife sanctuary, are laid along the roads and within the existing right of way and the maximum size of the trench is 2.00 metre depth & 1.00 metre width. Any deviation from the above category/conditions will require separate submission of proposal/permission under Forest (Conservation) Act, 1980.

This approval will be subject to the following conditions:

1. The user agency will seek permission from the State Forest Deptt. under local Acts/Rules, etc.
2. The user agency agrees to make good the land after use/maintenance.
3. The user agency agrees to make good any loss to forest/environment.
4. The user agency seeks permission from local Forest Deptt. for carrying out any maintenance.

The State Government/Union Territories will submit a quarterly progress report on the extent of the forest land diverted for each purpose to the Ministry as well as the concerned Regional Offices. This approval under the Forest (Conservation) Act, 1980 is being conveyed initially for a period of two years subject to review thereafter.

Yours faithfully,

(R.K. GUPTA)

Asstt. Inspector General of Forests

Copy to:-

1. All PCCF/Nodal Officers (All States/UTs).
2. All Regional Offices.
3. DIG(FC), Director(FC), AIG(FC-K, M, G).

(R.K. GUPTA)

Asstt. Inspector General of Forests



पेट्रोलियम एवं प्राकृतिक गैस विनियामक बोर्ड

Petroleum and Natural Gas Regulatory Board

प्रथम-तल, वर्ल्ड ट्रेड सेंटर, बाबर रोड, नयी दिल्ली: 110001

1<sup>st</sup> Floor, World Trade Centre, Babar Road, New Delhi – 110001

Tel No: 011- 23457700/23457744/23457751

Fax No: 011-23709151

No: MI/CGD/CHANDIGARH /Authorisation

8<sup>th</sup> May 2013

To,

Shri A.K Marchanda,  
Executive Director I/C (GAS),  
Indian Oil Corporation Limited,  
Scope complex, Core-2,  
7, Institutional Area, Lodhi Road,  
New Delhi-110003.

**Subject:** Grant of authorization for laying, building, operating or expanding CGD network in the authorized area of **CHANDIGARH** under the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008.

Sir,


With reference to your application-cum-bid for grant of authorization for laying, building, operating or expanding the CGD network in **CHANDIGARH** geographical area (GA), PNGRB is pleased to declare **Indian Oil Corporation Limited – Adani Gas Limited** consortium as successful bidder.

2. As per the requirement under Regulation 10(1) of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008, enclosed in duplicate is authorization in Schedule D for CHANDIGARH GA.

3. You are requested to put your stamp & signature on each page of the document and return one copy, within 3 days of receipt of this communication, to the PNGRB for records.

Encl: As above.

Yours faithfully,

  
K. Rajeswara Rao

OSD(R)

Schedule D

[see regulations 10 (1) and 18 (7)]

Grant of authorization for laying, building, operating or expanding CGD network

To,

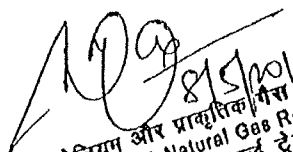
Shri A.K Marchanda,  
Executive Director I/C (GAS),  
Indian Oil Corporation Limited,  
Scope complex, Core-2,  
7, Institutional Area, Lodhi Road,  
New Delhi-110003.

**Subject:** Grant of authorization for laying, building, operating or expanding CGD network in the authorized area of **CHANDIGARH** under the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008


Sir,

With reference to your application-cum-bid for grant of authorization for laying, building, operating or expanding the CGD network in **CHANDIGARH**, it has been decided to grant you the authorization subject to the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008 and the following terms and conditions:

1. The Authorized Area for laying, building, operating or expanding the proposed CGD Network shall cover an area of **727** square kilometers and as depicted in the enclosed drawing.
2. The activities of laying, building, operating or expansion of the CGD Network to commence within a period of **180** days from the date of this authorization.

  
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

3. The activities permitted above shall have to be completed as per the approved time schedule enclosed at Annexure 1. Any failure on the part of the entity in complying with the milestones prescribed in the time schedule shall lead to consequences as specified under regulation 16 of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008.
4. The entity shall design and install an optimal size of the infrastructure in terms of pipelines of various types including steel belting of the authorized area, online compressors of adequate capacity for compressing of natural gas into CNG, allied equipments and facilities in the CGD network as identified in its DFR depending upon the potential demand for natural gas. The infrastructure in the CGD network should be adequate to maintain uninterrupted flow of natural gas in the pipelines and be also able to maintain supplies at adequate pressure to online CNG stations.
5. The entity shall maintain an uninterrupted supply of natural gas to all categories of customers in the CGD network. In the event of any disruption in the supply of natural gas in the CGD Network, first priority shall be accorded to restoration of supplies to domestic PNG customers. In case of disruption of supply to domestic PNG customers for more than twelve hours, the entity shall compensate to the domestic customer on the following basis:-
  - (a) the normative volume of natural gas consumption for the first domestic PNG connection for cooking requirements based on last three months weighted average consumption per day to be applied for each day's disruption and multiplied by ten;

  
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

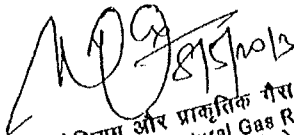
- (b) normative value of natural gas consumption shall be based on last three months' weighted average billing price of natural gas for supplies to the first domestic PNG connection for cooking requirements; and
- (c) the value of compensation shall be equal to normative volume of natural gas consumption as per clause (a) multiplied by normative value as per clause (b) and shall be adjusted by allowing a credit to the domestic PNG Customer in the next billing cycle or in the next pre-paid smart card in case of smart card metering.

In case the disruption of supplies is attributed to any fault of the domestic PNG customer, no compensation shall be payable by the entity.

6. The entity is allowed an exclusivity period under the Petroleum and Natural Gas Regulatory Board (Exclusivity for City or Local Natural Gas Distribution Networks) Regulations, 2008, in respect of the following:
- (a) 300 months from the date of issue of this communication for laying, building and expansion of the CGD network; and
  - (b) 60 months from the date of issue of this communication in terms of an exemption from the purview of common carrier or contract carrier for the CGD network:

Provided that the entity meets the obligations in line with the Petroleum and Natural Gas Regulatory Board (Exclusivity for City or Local Natural Gas Distribution Networks) Regulations, 2008:

Provided further that the period of exclusivity allowed under sub-clause (a) or sub-clause (b) may be terminated before the expiry of the period


  
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

mentioned above in line with the provisions under Petroleum and Natural Gas Regulatory Board (Exclusivity for City or Local Natural Gas Distribution Networks) Regulations, 2008.

7. The authorized entity shall be required to take prior approval from the Board for creation of any lien, charge or hypothecation of the CGD network to secure finances for the project and furnish details of utilization of funds. However, in case of raising funds from any financial institution or bank, the entity will be required to only inform the Board of the sanction of the funds within a period of seven days.
8. The entity shall submit a detailed and clear financial closure report to the Board within a period of one hundred and twenty days from the date of authorization issued by the Board under regulation 10 of Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008.
9. The entity shall publish the approved network tariff for transportation of natural gas as well as the compression charge for CNG in the CGD network in the authorized area.
10. The entity shall publish the applicable retail selling price of PNG for all categories of customers and also for the purpose of invoicing in Rs./MMBTU.
11. The entity shall publish and display the retail selling price of CNG for the purpose of invoicing to CNG customers in Rs./ Kg at all CNG dispensing stations.

  
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

12. The furnishing of performance bond of Rs. 3 Crore is a guarantee for timely commissioning of the project as per the prescribed targets in the bid and for meeting the service obligations during the operating phase of the project.
13. The entity shall abide by-
- (a) the service obligations as specified under regulation 14 of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008;
  - (b) the service obligations specified under the Petroleum and Natural Gas Regulatory Board (Exclusivity for City or Local Natural Gas Distribution Networks) Regulations, 2008;
  - (c) the service obligations specified in Schedule-J to the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008;
  - (d) the quality of service standards as specified under regulation 15 of Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008.
14. In case the authorization of the entity is terminated, the Board may assign the rights and obligations of the entity to any agency or another entity on such terms and conditions, as it may deem fit. Further, the entity may be required, as per the directions of the Board, to continue the operations of the CGD network at the same level till another agency or entity appointed by the Board takes over the full control of the CGD network.

  
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

15. The entity shall comply with the applicable provisions under the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008, Petroleum and Natural Gas Regulatory Board (Determination of Network Tariff for City or Local Natural Gas Distribution Networks and Compression Charge for CNG) Regulations, 2008, Petroleum and Natural Gas Regulatory Board (Exclusivity for City or Local Natural Gas Distribution Networks) Regulations, 2008, relevant regulations for technical standards and specifications, including safety standards, any other regulations as may be applicable and the provisions of the Act.

16. The entity shall comply with any other term or condition which may be notified by the Board in public interest from time to time.

You are requested to confirm your acceptance by filling-in the acceptance of the grant of authorization provided below and return the same in original. (Please note that all pages along with the Annexure are to be initialed & stamped).

Yours faithfully,

Dated:

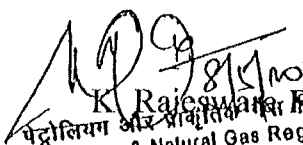
Acceptance of the Grant of Authorization

I / We hereby accept the grant of authorization issued by the PNGRB vide letter ref. **MI/CGD/CHANDIGARH/Authorisation** dated **8<sup>th</sup> May 2013** and agree to comply with all the terms and conditions subject to which I/ We have been granted the authorization for laying, building, operating or expanding city or local natural gas distribution network in the authorized area of **CHANDIGARH**.

Date:

Place:

Signature of the Entity or Authorized  
Signatory

  
K. Rajeswara Rao  
पेट्रोलियम और प्राकृतिक गैस नियामक 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

**ANNEXURE 1**  
**(FOR GEOGRAPHICAL AREA - CHANDIGARH)**

1. The Milestones for the Project Implementation as per BID

YEARWISE TARGETS	PNG DOMESTIC CONNECTIONS	INCH KM OF STEEL PIPELINE
Year 1	50,000	1400
Year 2	1,75,000	350
Year 3	1,75,000	0
Year 4	1,50,000	0
Year 5	1,50,000	0

  
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

# CHANDIGARH GEOGRAPHICAL AREA (MAP 1 OF 2)

SCALE



Symbol	Description	Symbol	Description
—	NATIONAL HIGHWAYS	—	RAILWAYS
—	MAIN ROADS	—	RAILWAY STATION
—	OTHER ROADS	—	RELIGIOUS PLACES
—	STREETS	—	SCHOOL
—	RAILWAYS	—	VILLAGE
—	AIRSTRIP	—	
—	WATER BODIES	—	
—	GA BOUNDARY	—	
—	VILLAGE POPULATION	—	
—	VILLAGE WITH POPULATION	—	
—	5000 AND ABOVE	—	

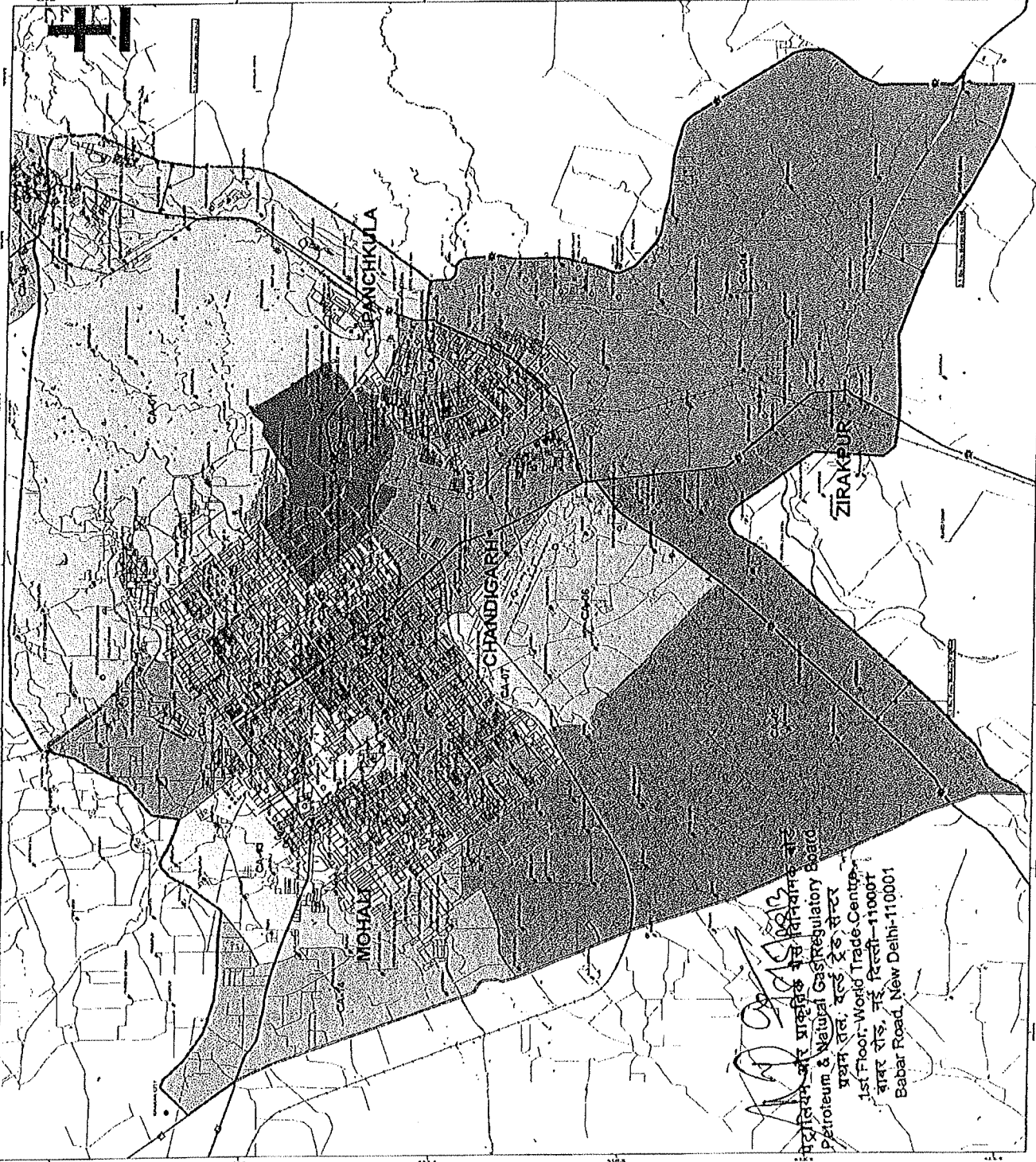
LEGEND	
VECTORS	LANDMARKS
—	NATIONAL HIGHWAYS
—	MAIN ROADS
—	OTHER ROADS
—	STREETS
—	RAILWAYS
—	AIRSTRIP
—	WATER BODIES
—	GA BOUNDARY
—	VILLAGE POPULATION
—	VILLAGE WITH POPULATION
—	5000 AND ABOVE
—	POLICE STATION
—	RAILWAY STATION
—	RELIGIOUS PLACES
—	SCHOOL
—	VILLAGE

REMARKS:  
1. Landmarks are indicated in this map.  
2. The map is prepared by the Chandigarh Geographical Board.  
3. The map is prepared by the Chandigarh Geographical Board.  
4. The map is prepared by the Chandigarh Geographical Board.

MAP SCALE  
0 1 2 4 6  
Kilometers

PETROLEUM AND NATURAL GAS REGULATORY BOARD  
1st Floor, World Trade Centre, Barabar Road, New Delhi-110001

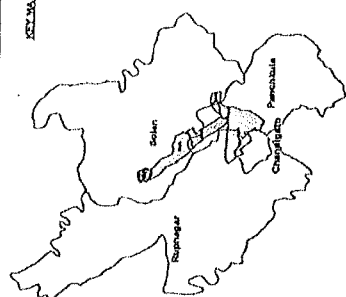
Map No. BDCGD/132009/1/GA-Chandigarh-1  
Date Feb-09  
Map Title Chandigarh Geographical Area (Map 1 of 2)



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

NOV 20 1964  
U.S. DEPT. OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D.C. 20535

### KEY MAP



Total Organophosphorus Aves/Sq (Mile)	No. of Change Areas
Change Areas Identified	
CA-01	Importance location within
CA-02	None, the ONE G-10
CA-03	Western Longhorn College
CA-04	Western Longhorn College
CA-05	Western Longhorn College
CA-06	Western Longhorn College
CA-07	Western Longhorn College
CA-08	Western Longhorn College
CA-09	Western Longhorn College
CA-10	Western Longhorn College
CA-11	Western Longhorn College
CA-12	Western Longhorn College
CA-13	Western Longhorn College
CA-14	Western Longhorn College
CA-15	Western Longhorn College
CA-16	Western Longhorn College
CA-17	Western Longhorn College
CA-18	Western Longhorn College
CA-19	Western Longhorn College
CA-20	Western Longhorn College
CA-21	Western Longhorn College
CA-22	Western Longhorn College
CA-23	Western Longhorn College
CA-24	Western Longhorn College
CA-25	Western Longhorn College
CA-26	Western Longhorn College
CA-27	Western Longhorn College
CA-28	Western Longhorn College
CA-29	Western Longhorn College
CA-30	Western Longhorn College
CA-31	Western Longhorn College
CA-32	Western Longhorn College
CA-33	Western Longhorn College
CA-34	Western Longhorn College
CA-35	Western Longhorn College
CA-36	Western Longhorn College
CA-37	Western Longhorn College
CA-38	Western Longhorn College
CA-39	Western Longhorn College
CA-40	Western Longhorn College
CA-41	Western Longhorn College
CA-42	Western Longhorn College
CA-43	Western Longhorn College
CA-44	Western Longhorn College
CA-45	Western Longhorn College
CA-46	Western Longhorn College
CA-47	Western Longhorn College
CA-48	Western Longhorn College
CA-49	Western Longhorn College
CA-50	Western Longhorn College
CA-51	Western Longhorn College
CA-52	Western Longhorn College
CA-53	Western Longhorn College
CA-54	Western Longhorn College
CA-55	Western Longhorn College
CA-56	Western Longhorn College
CA-57	Western Longhorn College
CA-58	Western Longhorn College
CA-59	Western Longhorn College
CA-60	Western Longhorn College
CA-61	Western Longhorn College
CA-62	Western Longhorn College
CA-63	Western Longhorn College
CA-64	Western Longhorn College
CA-65	Western Longhorn College
CA-66	Western Longhorn College
CA-67	Western Longhorn College
CA-68	Western Longhorn College
CA-69	Western Longhorn College
CA-70	Western Longhorn College
CA-71	Western Longhorn College
CA-72	Western Longhorn College
CA-73	Western Longhorn College
CA-74	Western Longhorn College
CA-75	Western Longhorn College
CA-76	Western Longhorn College
CA-77	Western Longhorn College
CA-78	Western Longhorn College
CA-79	Western Longhorn College
CA-80	Western Longhorn College
CA-81	Western Longhorn College
CA-82	Western Longhorn College
CA-83	Western Longhorn College
CA-84	Western Longhorn College
CA-85	Western Longhorn College
CA-86	Western Longhorn College
CA-87	Western Longhorn College
CA-88	Western Longhorn College
CA-89	Western Longhorn College
CA-90	Western Longhorn College
CA-91	Western Longhorn College
CA-92	Western Longhorn College
CA-93	Western Longhorn College
CA-94	Western Longhorn College
CA-95	Western Longhorn College
CA-96	Western Longhorn College
CA-97	Western Longhorn College
CA-98	Western Longhorn College
CA-99	Western Longhorn College
CA-100	Western Longhorn College

**END**

## VECTORS

- |   |                       |   |                           |
|---|-----------------------|---|---------------------------|
| 0 | <u>  </u> AIRSTRIP    | 3 | <u>  </u> POLICE STATION  |
| 1 | <u>  </u> BUS STATION | 4 | <u>  </u> POST OFFICE     |
| 2 | <u>  </u> COLLEGE     | 5 | <u>  </u> RAILWAY STATION |
| 3 | <u>  </u> FACTORY     | 6 | <u>  </u> RELIGIOUS PLACE |
| 4 | <u>  </u> GENERAL     | 7 | <u>  </u> SCHOOL          |
| 5 | <u>  </u> HOSPITAL    | 8 | <u>  </u> VILLAGE         |
| 6 | <u>  </u> LOCALITY    |   |                           |
| 7 | <u>  </u> OFFICE      |   |                           |
| 8 | <u>  </u> OTHER       |   |                           |
| 9 | <u>  </u> RAILWAY     |   |                           |
- 
- |   |                             |   |                        |
|---|-----------------------------|---|------------------------|
| 0 | <u>  </u> NATIONAL HIGHWAYS | 3 | <u>  </u> GA BOUNDARY  |
| 1 | <u>  </u> MAIN ROADS        | 4 | <u>  </u> WATER BODIES |
| 2 | <u>  </u> OTHER ROADS       |   |                        |
| 3 | <u>  </u> STREETS           |   |                        |
| 4 | <u>  </u> RAILWAYS          |   |                        |
| 5 | <u>  </u> AIRSTRIP          |   |                        |
| 6 | <u>  </u> GA BOUNDARY       |   |                        |
| 7 | <u>  </u> WATER BODIES      |   |                        |

**REMARKS:**  
Lutemins are indicative in nature.  
Each charge area is dispersed in different color and is evidenced by physical structures such as roots, fibers or railway tracks are shown in the mud.  
This map is a part of "expedition-numbered document" for the Chindigam-2 expedition was

**MAP SCALE**

0 1 2 4 6 K



**PETROLEUM AND NATURAL GAS REGULATORY BOARD**

1st Floor, Ward Yard Centre, Debar Road, New Delhi-110007

Map No.	SID/CGD/13/2009/1/GA-Chandigarh-2
---------	-----------------------------------

50-984 J  
Feb-09

Date	Feb-09
Map Title	Chandigarh Geographical Area (Map 2)

The Executive Engineer,  
C.P. Division No.2, (Roads),  
Chandigarh.

To

Indian Oil-Adani Gas Pvt, Limited,  
Room No.909, Indian Oil Bhawan,  
Aurbindo Marg, Yusuf Sarai,  
New Delhi-110016.

Memo No. 9470

Dated, Chandigarh, the 16/7/15

Subject: - Permission for road cut to laying steel pipeline (Total length 3.850 Kms) for natural gas at following locations. (Trenchless Method).  
12" diameter pipeline parallel to Madhya Marg (Chandigarh-Panchkula Road) from Purv Marg to Dhillon Complex (Chandigarh Haryana Border) including Purv Marg and Madhya Marg road crossing Length 3.850 Kms.

Ref:- In continuation of this office Memo No.2799 dated 09.03.2015.

In this regard it is intimated that the Road cut request dated 15.06.2015 has been considered and permission for sanction of road cut already accorded vide Memo. Under reference is hereby extended upto 15.09.2015 subject to following terms and conditions:-

1. If road is not cut in the due date and time, the sanction shall lapse.
2. Sanction issued by this office for road cut shall be available at site at the time of making road cut.
3. It should be your responsibility to maintain caution board/sign boards and other reflective signboards on both side of the road cut to regulate the traffic.
4. Road cut should be back filled with sand 6" layers duly compacted and watered.
5. The department for cutting the road/tiles/concrete/pavement/Berms etc will provide no Labour/material.
6. Not more than one road cut is allowed/done at a time.
7. Cost of patch repair/Berms/dressing/re-laying of tiles should be got deposited with SDE in charge in advance otherwise sanction is not issued.
8. The cut would be of minimum width and should be made close liaison/co-ordination of road supervisory staff.
9. Road Berms cut is only allowed on working hour/days and our road staff be informed well in time for its restoration.
10. The working hours shall be from 10.30 A.M. to 3.30 P.M.
11. Agencies will responsible for all the precautionary measures such as installation of signboards tape around area of road cut otherwise any mishap occurs on this account then it will sole responsibility of agencies.
12. The pipe shall be laid on extemed edge of right of way.
13. The arrangement for laying pipe on bridge/ culvert shall be made away from the parapet/railing of bridge/culvert.
14. No road cut work is executed during rainy season.
15. No JCB will deploy in excavation work.
16. Agency will inform prior to starting the work to SDE/SO concerned.
17. Work shall be carried out under trenchless technology and no open road cut allowed.
18. It may also be ensured that the N.O.C., from the Public Health/Electricity Wing of the Engineering Department, Chandigarh should be obtained.
19. It may also be ensured that you have to intimate to the S.P. Traffic 03 days before cutting the road.

DA/-

Executive Engineer,  
C.P. Division No.2, (Roads),  
Chandigarh.

Dated: 16/7/15

Endst. No. \_\_\_\_\_

Copy is forwarded to the S.D.E. C-10, Sub Division Chandigarh for information and necessary action. This is in continuation to this office Endst No.2800 dated 09.03.2015.

He is to co-ordinate with agency and to ensure that all the precautionary measures have been incorporated by agency while executing the work. If not, Agency may not be allowed to execute work. Any laxity on this account will sole responsibility of your office. Moreover, agency will make road cut through trench less technology and also ensure that no work is executed during rainy season/rains.

DA/-

Executive Engineer,  
C.P. Division No.2 (Roads),  
Chandigarh



---

---

**IndianOil-Adani Gas Pvt. Ltd.**

---

---

Ref. No: IOAGPL/CCGD/CED/15-16/03

August 20, 2015

To

**The Executive Engineer,  
C.P. Division No.-1 (R),  
Engineering Dept,  
Chandigarh.**

**Ref.:** Your office letter no. 9470 dtd 16.07.2015.

**Sub: Application for extending permission to lay steel gas pipeline**

**Dear Sir,**

Kindly refer to your letter no. 9470 dated 16.07.2015 vide which permission was granted for laying of natural gas steel pipeline upto 15.09.2015


In this regard, this is to submit that pipeline construction work is in progress, however due to monsoon season the progress of work has been hampered.

In view of the above you are kindly requested to extend the permission for completing the work of laying pipeline upto 15.12.2015

We shall be highly grateful to you.

Sincerely yours

For IndianOil-Adani Gas Pvt Ltd.,

  
(Sanjiv Kr Sharma)  
Proj Manager