



PETROLEUM AND NATURAL GAS REGULATORY BOARD

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

Ref: Infra/PL/Exis/18(1)/GSPL/Guj-Gas-Grid-HP/01/12

Date: 27.07.2012

To,
Sh. Tapan Ray
Managing Director,
M/s Gujarat State Petronet Limited (GSPL)
3rd Floor, GSPC Bhavan, Sector-11, Gandhinagar-382011

Sub: Grant of Authorization for GSPL's High Pressure Gujarat Gas Grid u/r 18(1)

Sir,

This has reference to the application submitted by M/s GSPL vide letter no. GSPL/MD/PNGRB/5355 dated 06.12.08 for Gujarat Gas Grid natural gas pipeline network under Regulation 18(1) of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008 and the subsequent communications.

2. With the submission of Performance Bond by you as per the provisions of the Regulations, please find enclosed the Grant of Authorization in Schedule-D format* of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008 for 2239 KM GSPL's High Pressure Gujarat Gas Grid.

(Note: * Schedule-D format as provided in the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008 has been modified as per the applicable context in this case).

3. It may be noted that the provisions of sub-regulation 18(9) shall be applicable to M/s GSPL for 2239 KM GSPL's High Pressure Gujarat Gas Grid. Further, the capacities mentioned in clause nos. 3 and 4 of the enclosed Schedule-D are accepted as provisional and the final capacities shall be determined as per the PNGRB (Determining Capacity of Petroleum, Petroleum Products and Natural Gas Pipeline) Regulations, 2010].

Kindly acknowledge this letter and send the acceptance within 15 days from the issue of this letter.

Encl. As above

Yours faithfully

Ratan P. Watal
(Ratan P. Watal)

Secretary
रतन पी. वाटल/RATAN P. WATAL
सचिव/Secretary
पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
Petroleum & Natural Gas Regulatory Board
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Babar Road, New Delhi - 110001

Schedule D

[see regulations 9 (1) and 18 (7)]

**Grant of authorization for laying, building, operating or expanding GSPL's
High Pressure Gujarat Gas Grid**

To,

Sh. Tapan Ray

Managing Director,

M/s Gujarat State Petronet Limited (GSPL)

3rd Floor, GSPC Bhavan, Sector-11,

Gandhinagar-382011

Subject: Grant of authorization for laying, building, operating or expanding GSPL's High Pressure Gujarat Gas Grid under the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.

Sir,

With reference to your application for grant of authorization for laying, building, operating or expansion of Gujarat Gas Grid natural gas pipeline, it has been decided to grant authorization to you for 2239 KM GSPL's High Pressure Gujarat Gas Grid, subject to the provisions under the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008 on the following terms and conditions, namely:-

1. The route for laying, building, operating or expanding the natural gas pipeline shall be as depicted in the enclosed drawing with the main trunk pipelines identified as below:

- (a) Vapi-Mora-Sajod-Bhadbhut-Dahej-Serkhi-Anand-Kalol-Mehsana-Palanpur
- (b) Kalol-Himmatnagar
- (c) Serkhi-Halol-Dahod
- (d) Anand-Rajkot-Jamnagar
- (e) Darod—Jafrabad
- (f) Tana-Amreli

RAW

रतन पी. वाटल/RATAN P. WATAL
सचिव/Secretary
पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
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(g) Morbi-Anjar-Mundra

Section-wise details of the 2239 KM GSPL's High Pressure Gujarat Gas Grid are provided at Annex-1.

Your attention is brought to the zoning of tariff which shall be governed by the point of injection covering entire route of the pipeline in line with the definition of tariff zone as per Regulation 2(h) of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.

2. The entity shall complete the activities of laying, building or expansion activities of under-construction and under-development natural gas pipeline sections as identified in Annex-1 by year 2013. Any failure on the part of the entity in complying with the targets 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 Natural Gas Pipelines) Regulations, 2008.
3. The provisional system capacity in the natural gas pipeline shall be equal to 30.46 Million standard cubic meter per day (MMSCMD).
4. The extra provisional capacity in the natural gas pipeline shall be equal to 7.615 MMSCMD as per the provisions specified in clause (j) of sub-regulation (6) of regulation 5 and shall be available for use on common carrier basis by any third party on open access and non-discriminatory basis.
5. The authorized entity shall be required to take prior approval from the Board for creation of any lien or charge or hypothecation on the assets of the natural gas pipeline 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.

Rw

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6. The entity shall publish the approved tariffs for each of the tariff zone of the natural gas pipeline.
7. The furnishing of performance bond of **Rs. 200.00 million** is a guarantee for meeting the service obligations by the entity during the operating phase of the project.
8. The entity shall abide by the service obligations specified under regulation 14 and quality of service standards under regulation 15 of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.
9. In case the authorization of the entity is terminated, the Board may assign the rights and obligations 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 natural gas pipeline at the same level till another agency or entity appointed by the Board takes over the full control of the natural gas pipeline.
10. The entity shall comply with the provisions under-
 - (a) the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008;
 - (b) the Petroleum and Natural Gas Regulatory Board (Determination of Natural Gas Pipeline Tariff) 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 Natural Gas Pipelines) Regulations, 2008;
 - (d) the relevant regulations for-
 - (i) the technical standards and specifications, including safety standards;
 - (ii) the access code;
 - (iii) determination of capacity for natural gas pipeline;

RW

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- (iv) affiliate code of conduct;
- (v) declaring natural gas pipelines as common carrier or contract carrier;
- (e) any other regulations as may be applicable and the provisions of the Act.

11. 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 in the space provided below and return the same in original.

Yours Faithfully,

Dated: 27/7/2012

Ratan P. Watal

Name & Designation of Officer

On behalf of the PNGRB

रतन पी. वाटल/RATAN P. WATAL

Official Seal

पेट्रोलियम और प्राकृतिक गैस विनियमन बोर्ड
Petroleum & Natural Gas Regulatory Board

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Babar Road, New Delhi - 110001

Acceptance of Grant of Authorization

I / We hereby agree to the grant of authorization issued by the Board vide letter ref. <

_____ > dated < _____ > and

agree to comply with all the terms and conditions subject to which I / We have been granted authorization for laying, building, operating or expanding natural gas pipeline along the route of < _____ > in the State or the Union Territory of

< _____ >.

Date:

Place:

Signature of the Entity or Authorized Signatory

Name and Official Seal

SECTION WISE DETAILS OF GSPL'S HIGH PRESSURE GUJARAT GAS GRID PIPELINE NETWORK

Sr. No.	Section Name	Line Specification	Length (Kms)	Commissioning date	System Capacity (MMSCMD)
1	Amboli-Dahej	24"/18" API 5L GR * 60	44.6	Commissioned before 01.10.2007	30.46 MMSCMD*
2	Bhadbhut-Paguthan	24" API 5L GR * 60	25.7		
3	GPEC spur-line	24" API 5L GR * 60	3.9		
4	GNFC spur-line	12" API 5L GR * 60	4.8		
5	Videocon spur-line	6" ASTM A 106 Gr B	0.7		
6	Paguthan-Serkhi-Dhanora	24" API 5L GR * 65	69.5		
7	Dhanora-GIPCL	12" seamless Gr B	1.8		
8	Dhanora-GSFC	24" API 5L GR * 65	13		
9	Dahej-Petronet	24" API 5L GR * 65	9		
10	Serkhi-Kalol	24" API 5L GR * 65	134.1		
11	18" AEC Spur-line	18" API 5L GR * 65	5		
12	18" IFFCO Spur-line	18" API 5L GR * 65	1		
13	12" AEC Spur-line	12" API 5L GR * 65	3.1		
14	12" IFFCO Spur-line	12" API 5L GR * 65	0.6		
15	Mora-Sajod	24" API 5L GR * 65	58		
16	Anklay-Dhuveran	18" API 5L * 65	30.9		
17	Kalol-Himmatnagar	12" API 5L GR * 65	60		
18	GFL spur-line	8" ERW * -52	4.5		
19	Karjan spur-line	6" API 5L GR * 52	19.6		
20	Kalol-Mehsana	18" API 5L GR * 65	40.2		
21	Anand-Rajkot	24" API 5L GR * 65	291.6		
22	Mora-Vapi pipeline	30" API 5L GR * 65	128.7		
23	Welspun	6" API 5L GR * 52	2.3		
24	Ruby, Alok	6" API 5L GR * 52 ERW	0.9		
25	Raymond	6" API 5L GR * 52 ERW	1.6		
26	Vapi GIDC spur-line	12" API 5L GR * 52 ERW	6.5		
27	Chandol Vapi (Spur line 2)	6" API 5L GR * 52 ERW	2		
28	GIDC Sarigam	12" & 6" API 5L GR * 52 ERW	16.4		
29	NTPC Jhanore	24" API 5L GR * 65	12		
30	Kalol-Santej	12" API 5L GR B	15.3		
31	Palej spurline (Bharuch)	6" API 5L GR * 52 ERW	10.9	12.12.2007	
32	ONGC, Olpad-Compressor	12" API 5L GR * 52	3.5	16.07.2008	
33	Petronet, Dahej Connectivity	24" API 5L GR * 65	1	27.10.2008	
34	Bharuch-Gana	30" API 5L GR * 70	109	02.07.2008	
35	Padmala-Halol	12" API 5L GR * 52	37	18.11.2008	
36	Rajkot-Jamnagar	30" API 5L GR * 70	109.2	27.03.2009	
37	Morbi-Mundra	18" API 5L GR * 65	127.7	20.01.2010	
38	Gana-Hadala	30" API 5L GR * 70	82	30.03.2010	
39	Darod-Jatrabhad	24" API 5L GR * 65	212.1	25.03.2011	
40	Suzlon SEZ(Tundav-Suzlon)	8" API 5L GR * 52	23.9	20.03.2009	
41	IOCL Baroda	12" API 5L GR * 52	4.5	02.06.2010	
42	IPCL Baroda	12" API 5L GR * 52	4.5	28.07.2010	
43	Birla Copper	6" API 5L GR * 52	7.9	18.08.2009	
44	Welspun Anjar	12" API 5L GR * 65	5.6	20.01.2010	
45	Olpad-GSEC Uttran	18" API 5L GR * 65	16.5	29.10.2009	
46	EOL refinery Jamnagar	24" API 5L GR * 65	6	09.09.2010	
47	Euro Ceramics Anjar	12" API 5L GR * 65	4	16.03.2010	
48	Ajanta Manfg. Ltd. Anjar	12" API 5L GR * 65	6.8	31.08.2010	
49	Nirma	8" API 5L GR * 52	0.8	15.11.2010	
50	Hindustan Glass Limited	8" API 5L GR * 52	2.5	03.04.2010	
51	Bhavnagar spur-line	12" API 5L GR * 65	14	10.01.2012	
52	Botad spur-line	8" API 5L GR * 52	24	21.12.2011	
53	Sterling SEZ spur-line Jambusar	12" API 5L GR * 52	27	Under Construction	
54	Vilayat spur-line	12" API 5L GR * 65	6.2	Under Construction	
55	Sanand-Santej	12"/6" API 5L GR * 65	30	Under Construction	
56	Mehsana-Palanpur	30" API 5L GR * 65	75	Under Construction	
57	GSFC Sikka	8" API 5L GR * 52	16	Under Construction	
58	Tana-Amreli	8" API 5L GR * 52	77	Under Construction	
59	Halol-Dahod	12" API 5L GR * 65	105	Under Construction	
60	Tarapur-Isharvada	12" API 5L GR * 65	15	Under development	
61	Anjar to Mundra	36" API 5L GR * 70	50	Under development	
62	Ultratech Cement, Pipavav	12" API 5L GR * 65	2	Under development	
63	Cadilla SEZ	12" API 5L GR * 52	15	Under development	
TOTAL LENGTH:			2239		

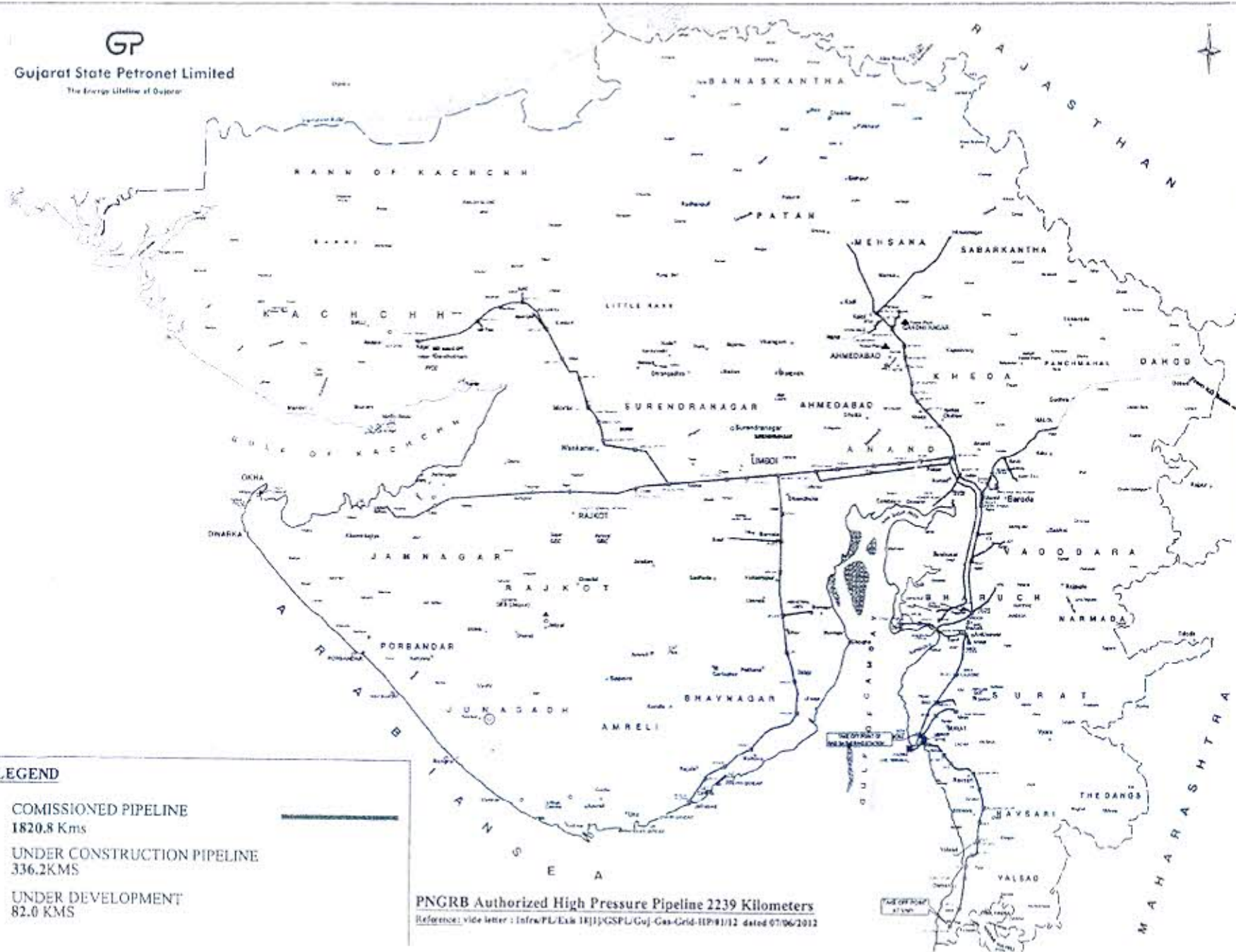
Note: * This capacity is accepted as provisional and the final capacity shall be determined as per the Petroleum and Natural Gas Regulatory Board (Determining capacity of Petroleum, Petroleum products and Natural Gas Pipeline) Regulations, 2010).

7/11/10

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Gujarat State Petronet Limited
The Energy Lifeline of Gujarat



LEGEND

- COMMISSIONED PIPELINE
1820.8 Kms
- UNDER CONSTRUCTION PIPELINE
336.2KMS
- UNDER DEVELOPMENT
82.0 KMS

PNGRB Authorized High Pressure Pipeline 2239 Kilometers
Reference vide letter : Infra/PL/Exh 18/1/GSPL/Guj-Gas-Grid-11P91/12 dated 07/06/2012

राज्य/राज्य P. WATAK
Secretary
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