

**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

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No. Infra/PL/Exis/17/Gujarat/GAIL/01/14

29.04.2014

To  
Chairman & Managing Director,  
M/s GAIL (India) Limited,  
16. Bhikaji Cama Place,  
R. K. Puram, New Delhi - 110066

**Subject: Final Terms and Conditions for Acceptance of Central Government Authorization for laying, building, operating or expanding Gujarat Natural Gas Pipeline Network as common carrier pipeline network under Regulation 17(1) of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.**

Sir.

With reference to the provisional terms and conditions for acceptance of Central Government authorization for laying, building, operating or expanding Gujarat natural gas pipeline network as common carrier pipeline network issued vide letter No. Infra/PL/Exis/17/GUJ-RFG/GAIL/01/10 dated 03.12.2010 and the subsequent communications in this regard, the Petroleum and Natural Gas Regulatory Board finally accepts the information submitted by you under Regulation 17(1) of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008. Further on the basis of the submissions made, the following terms and conditions have been finalised by the Petroleum and Natural Gas Regulatory Board which shall be applicable during the operative phase of the said common carrier pipeline system:

1. **Technical Details of Gujarat Natural Gas Pipeline Network:** The length of Gujarat Natural Gas Pipeline Network as indicated by GAIL (section-



wise details are enclosed as Annex-A) is approximately 608.82 KM with the following seven sub-networks:

S/N	Sub-Network	Length (KM)	System Capacity* (MMSCMD)	Common Carrier Capacity* (MMSCMD)
(a)	Baroda sub-network	480.99	3.25	At least 0.81
(b)	Motwan sub-network	3.69	0.0855	At least 0.02
(c)	Ex-Hazira (GGCL)	10.65	3.88	At least 0.97
(d)	Kalol-Ramol sub-network	53.58	0.666	At least 0.17
(e)	Kadi-Kalol sub-network	36.22	0.128	At least 0.03
(f)	Paliyad sub-network	0.23	0.068	At least 0.02
(g)	Mehsana sub-network	23.46	0.235	At least 0.06

\*- This capacity is accepted as provisional and the final capacity shall be determined as per the PNGRB (Determining Capacity of Petroleum, Petroleum Products and Natural Gas Pipeline) Regulations, 2010.

2. Following five pipelines which were earlier accepted as common carrier pipelines by PNGRB in the provisional acceptance letter dated 03.12.2010 and then identified as dedicated pipelines by the Bench of PNGRB on 25.05.2011, have been excluded from the list of common carrier pipeline network keeping in view that the APTEL has upheld the order dated 25<sup>th</sup> May, 2011 issued by the Bench of the Board and that there is no stay granted by the Hon'ble Supreme Court in Civil Appeal No. 5778 of 2012:

S/N	Dedicated Pipeline	Length (KM)	Diameter (Inch)
(a)	Ankhi (Tap)-Schott Glass pipeline	3.2	4

*[Handwritten signature]*  
29/4/2014

(b)	Haldyn Tap Off-Haldyn Glass pipeline	0.05	4
(c)	Punjab Steel Tap Off to Punjab Steel pipeline	1	4
(d)	Amboli T. Off to HSGL pipeline	1.1	4
(e)	Ranasan T Point-Shyam Industries pipeline	1.3	4


3. As indicated by GAIL, initial pipelines of Gujarat Natural Gas Pipeline Network were handed over by ONGC to GAIL in year 1992, the economic life of which is ending in year 2017 is extended for another 10 years up to 2027 as per the provisions 2(1) (e) of the said Regulations.
4. 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 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.
5. The entity shall publish on its website the approved tariffs and other details as required under various regulations for the natural gas pipeline.
6. In case the authorization of the entity is suspended or terminated, the Board may assign the rights and obligations to operate the pipeline 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.
7. 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;


  
 29/9/2014

- b. the Petroleum and Natural Gas Regulatory Board (Determination of Natural Gas Pipeline Tariff) Regulations, 2008;
  - c. the Petroleum and Natural Gas Regulatory Board (Guiding Principles for Declaring or Authorizing Natural Gas Pipeline as Common Carrier or Contract Carrier) Regulations, 2009;
  - d. the Petroleum and Natural Gas Regulatory Board (Technical Standards and Specifications including Safety Standards for Natural Gas Pipelines), Regulations, 2009;
  - e. the Petroleum and Natural Gas Regulatory Board (Access Code for Common Carrier or Contract Carrier Natural Gas Pipelines) Regulations, 2008;
  - f. the Petroleum and Natural Gas Regulatory Board (Affiliate Code of Conduct for Entities Engaged in Marketing of Natural Gas and Laying, Building, Operating or Expanding Natural Gas Pipeline) Regulations, 2008;
  - g. the Petroleum and Natural Gas Regulatory Board (Determining Capacity of Petroleum, Petroleum Products and Natural Gas Pipeline) Regulations, 2010
  - h. the PNGRB Act, 2006 and any other Regulations notified or guidelines issued by the Board from time to time, as may be applicable.
8. The entity shall comply with any other term or condition which may be notified by the Board in public interest, from time to time.
9. You are requested to confirm your acceptance in the space provided below and return the same in original.

Date: 29.04.2014

Yours faithfully,

  
(K. Rajeswara Rao)  
OSD (R)  
Official Seal

**Copy to:**  
Joint Secretary (IC & GP)  
Ministry of Petroleum & Natural Gas

के. राजेश्वर राव/K. Rajeswara Rao  
ओएसडी (आर)/OSD (R)  
पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड  
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Babar Road, New Delhi-110001

Shastri Bhavan, New Delhi-110001

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**Acceptance of Terms and Conditions**

I / We hereby agree to the terms and conditions issued by the Board vide letter Ref. < \_\_\_\_\_ > dated < \_\_\_\_\_ > and agree to comply with the same subject to which I / We have been issued acceptance letter for laying, building, operating or expanding natural gas pipeline along the route from the originating station < \_\_\_\_\_ > in the State or the Union Territory of < \_\_\_\_\_ > to the terminating station < \_\_\_\_\_ > in the State or the Union Territory of < \_\_\_\_\_ >.

Date:

Place:

Signature of the Entity or Authorized Signatory  
Name and Official Seal

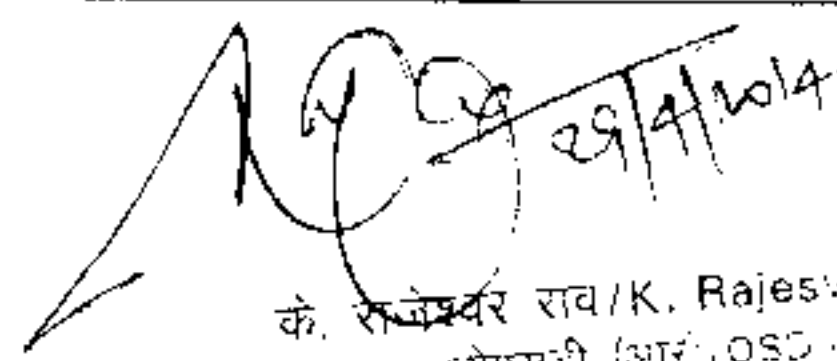
## GAIL'S GUJARAT NATURAL GAS PIPELINE NETWORK

S.No.	Name of the Pipeline	Diameter (inch)	Length of pipeline (KM)	Total Length of Pipeline (KM)	System Capacity* (MMSCMD)
1	CTF Gandhar-Dabka	12	47.34		
2	Dabka - Dhuvaran	12	37.62		
3	Chokari - Udera - GIPCL	12	32.19		
4	GACL Tapoff - GACL	4	4.8		
5	GNAQ - Jambusar T Pt.	8	13		
6	Schott Glass - Banco Products	4	0.75		
7	Ekalbara - Belgium Glass	4	7		
8	Chitral (Tap) - HNPL	4	5.2		
9	Masar (Tap) - Savana Ceramic	4	2.752		
10	Savana Ceramic - Gujarat Glass	4	0.12		
11	Dabka - Janta Glass	4	1.96		
12	Palej-Laxmipura-Udera - GSFC (part ABGL)/HWP	14	50.84		
13	Dabka- Sarswani P/L	8	16.6		
14	Gavsad tap off to Saurashtra solid	4	0.55		
15	Gavasad Tap off - Haldyn Tap off	4	0.8		
16	Haldyn tap off - Bell Granito	4	0.9		
17	Laxmipura - Banco Tap off	4	7		
18	Banco Tap off - Transpek	4	4		
19	Banco Tap off - Banco Al	4	0.2		
20	Roto Tap off to Rotomould	4	0.25		
21	Laxmipura to Gibrealtra Tap off	4	1.9		
22	Gibrealtra Tap off - Gibrealtra	4	0.1		
23	Gibrealtra Tap off - Western	4	0.2		
24	Udera - AlembicTAP OFF-DINESH MILL	12/B/4	6.553		
25	Hema tap off - Hema Rasani	4	0.2		
26	Gorwa tap off - Chandan metal	4	0.8		
27	Alembic Tap off to alembic glass	8	0.3	480.985	3.25
28	Allembic glass tap off to allembic chemical	4	0.02		
29	Sarabhai tap off to sarabhai	4	0.3		
30	VMC tap off to VMC	8	0.05		
31	Dinesh mill tap off to Dinesh mill	4	0.02		
32	DABKA GGS - HALDYN GLASS T.OFF	4	0.9		
33	ONGC CPF TO GPC GANDHAR ( MP Line)	14	4.88		
34	ONGC CPF TO GPC GANDHAR ( HP line)	24	4.88		
35	GGS III to CPF Gandhar	18	10.6		
36	CPF Gandhar- NTPC	18	41		
37	Pariag Tap off - GPEC	18	4.5		
38	GPC Gandhar- ABGL Inter connection at GNFC	18.00	31.99		
39	ANKL CTF-PALEJ T.OFF (MAIN)	14	46		
40	ABGL T OFF TO VNGL	4	0.8		
41	GGCL T OFF TO GGCL(Bharuch)	4	0.1		
42	GGCL T.OFF TO GGCL ANKL.	6	1.1		
43	Amboli T.OFF to Kondh Tap off (GBL)	8	11.34		
44	Kondh T.OFF to GGL	8	1.88		
45	KondhT/O GUJ.BOROSIL	4	13.2		
46	ANK CTF-T Point Kharach	16	12		
47	T point Kharach-GEB UTRAN (MAIN)	16	25.5		
48	T point Karach (AUGL ) To GGS KOSAMBA	6	2.2		
49	GGS KOS-GUJ.GLASS	6	2.7		
50	GGS KOS- PRG.GLASS	4	1.5		
51	GGS KOS-NEU.GLASS	4	1.3		
52	GGS KOS-GSFC NYLON UNIT	4	2.3		
53	GNFC-NTPC P/L	12	16		

के. राजेश्वर राव/K. Rajeswara Rao  
 जी.ए.डी. (आर)/GSD (R)  
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 Babar Road, New Delhi-110001

S.No.	Name of the Pipeline	Diameter (inch)	Length of pipeline (KM)	Total Length of Pipeline (KM)	System Capacity* (MMSCMD)
1	MOTWAN GGS to Crystal Tap off	5	0.331	3.692	0.0855
2	Crystal Tap off to Atmiya	2	0.7		
3	Crystal tap off to Clean	5	2.461		
4	Crystal tap off to Crystal	2	0.2		
1	GGCL Pipeline	14	10.65	10.65	3.88
1	KALOL -RAMOL P/L	12	44.5	53.58	0.666
2	RAMOL - AECD.	6	3.35		
3	RANASAN T POINT-RIL(OLD)	4	2.85		
4	RANASAN T POINT-RIL(NEW)	4	2.88		
1	KALOL GCS - KADI GMS	8	19.37	36.22	0.128
2	KADI GMS - SK CTF -NK CTF	8	16.85		
1	PALIYAD TPS - BHAWANI & AJITA	4	0.23	0.23	0.068
1	SHOBHASAN CTF - DUDHSAGAR	8	9.2	23.46	0.235
2	SHOBHASAN CTF - VIMAL OIL	4	3.82		
3	VIMAL OIL TO TAP OFF GMGBII / MLCII	4	1.45		
4	T POINT TO - SAHJANAND	4	0.5		
5	T POINT DUDHSAGAR - RONAK	2	0.5		
6	VIJAPUR U/G VALVE PT - GMGB I	4	0.131		
7	T POINT - MLC I	4	0.1		
8	DUDSAGAR p/L TPOINT TO MLCI / GMGB I	4	1.58		
9	DUDSAGAR p/L TPOINT TO SANTOSH	4	2.25		
10	DUDHSAGAR DAIRY - BAPS	1	0.304		
11	SHOBHASAN CTF - SAHJANAND PL	4	2.78		
12	SAHJANAND P/L TO ASHOK / RAMESH	4	0.359		
13	SAHJANAND P/L TO STANDARD	4	0.1		
14	VIMAL OIL - GUJ MULTI GAS II	4	0.05		
15	VIMAL OIL T POINT - MAHALAXMI II	4	0.28		
16	T Point Vimal- Santosh	5	0.007		
17	TAP OFF JOTANA - MRTS	4	0.049		

Note#1: \*This capacity is accepted as provisional and the final capacity shall be determined as per the PNGRB (Determining Capacity of Petroleum, Petroleum Products and Natural Gas Pipeline) Regulations, 2010

 29/4/2014

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