

ASTHA / EOI/ Inole/01

3rd October, 2012.

The Deputy Director,
Petroleum and Natural Gas Regulatory Board,
1st Floor, World Trade Centre,
Babar Lane, Connaught Place,
New Delhi – 110 001

Kind Attention: Sri Vinay Krishna Srivastava

Dear Sir,

Sub: Information regarding application submitted under Regulation 19(2) to PNGRB.

This has reference to your e-mail dated 13.09.12 on the subject. We give below the information, desired by you in your mentioned e-mail:

(A) Capacity of the proposed pipeline

The Astha Pashamylaram Pipeline will have a capacity of 1.5 MMSCMD of Natural Gas.

(B) Detailed Feasibility Report (DFR) of the pipeline project

We are attaching the Detailed Feasibility Report for your kind reference.

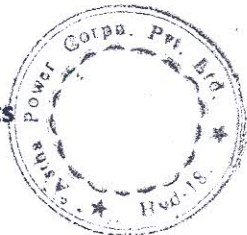
We confirm having already sent to you the above information vide our e-mail dated 01.10.12.

Thanking you

Yours faithfully,
for Astha Power Corporation Pvt. Ltd.


Jayant Sahi
Director - Projects

Encl: as above.



7/c

ASTHA / EOI/ Inole/01,
6th September, 2012.

The Secretary,
Petroleum and Natural Gas Regulatory Board,
1st Floor, World Trade Centre,
Babar Lane, Connaught Place,
New Delhi – 110 001

Dear Sir,

Sub: Submission of Application for laying, building and operating of a dedicated Natural Gas pipeline from INOLE to Pashamylaram (AP) to our Gas fired Power Plant.

This has reference to the Regulation 19(2) of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas pipelines) Regulations, 2008. We are pleased to submit our Application under Regulation 19 (2) for laying, building and operating the proposed dedicated natural gas pipeline including a gas receiving station at our Power Plant Site. The gas is proposed to be tapped off from the 13th Tap Off point from Kakinada MLV 13, CH 476.900, of the East West Pipeline of RGTIL, which is about 14 Km from the Power Plant Site. In this regard, please find enclosed our Application along with Annexures, for laying, building and operating a dedicated Natural Gas Pipeline & a suitable Gas Receiving Station.

We request you to kindly accord your approval to our aforementioned Application envisaging laying of a dedicated 8 inch diameter natural gas pipeline of about 14 km length, for our Power Plant at APIIC IDA, Pashamylaram from the 13th Tap Off point from Kakinada MLV 13, CH 476.900, of the East West Pipeline of RGTIL, at the earliest and oblige.

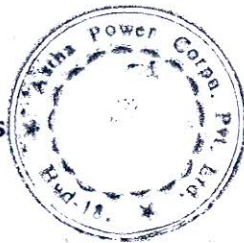
We solicit an early favorable action in this matter as it will facilitate Astha to generate power at an early date and contribute to meet the power requirement of the State, as we will be supplying power from the allocated gas to APDISCOMs.

Thanking you,

Yours faithfully,
for Astha Power Corporation Pvt. Ltd.

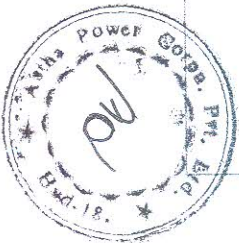
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Auth. Seal
Jayant Sahi
Director - Projects

Encl: as above.



Application for laying, building and operating a Dedicated Gas Pipeline
& a suitable Gas Receiving Station

1	Name of the entity / person / add	Astha Power Corporation Pvt. Ltd.		
2.	Plant Location	Plot strategically located in the 1500 Acre Industrial Park of APIIC in Pashamylaram at Plot No. 282 & 283, Phase II, IDA, Pashamylaram, Patancheru – 502307, Medak Dist.		
3.	Contact person	Mr. Jayant Sahi Director – Projects (M) 09650012401		
3	E-mail ID/ telephone / fax	jayant@radiantcorp.com mds@radiantcorp.com / 040 23704471 / 72 /73 / 040 23703421		
4.	Type of Firm	Private Limited Company		
5.	Date of Incorporation	22nd November, 1995		
6.	Address of Regd. Office	B-1, Industrial Estate, Sanathnagar, Hyderabad – 500 018		
7.	Basic Data			
(i)	Type of Industry	Power Generation		
(ii)	Registration Number of Industry	License for setting up of the Mini Power Plant issued by GoAP, Energy Department, vide letter No.12660/Pr.I/1/1885 dated 09.12.1995 & Letter No.8237/Pr.I/1/96 dated 12.11.1996.		
(iii)	Type of Process	Continuous		
(iv)	Production Capacity	17.44 MW with a capacity addition target up to 97.2 within the next three years.		
			Addition (MW)	Total (MW)
	Phase – 1		Nil	17.44 consisting of 2 units of Gas Engines installed (11th Plan).
	Phase – 2		34.88	52.32 consisting of 6 units of Gas Engines along with exhaust gas heat recovery boilers to generate steam and VAMs for Air conditioning / Chilled Water Production and Carbon Di-oxide Extraction Plant (12th Plan)
	Phase -3		34.88 10.00	97.2 (10*8.72= 87.20+10) consisting of 10 units of Gas Engines along with Steam Turbine, exhaust gas heat recovery boilers to generate steam and VAMs for Air conditioning / Chilled Water Production and



(xi)	Pipeline design	and inspected in accordance with the relevant Standards and Codes.
(xii)	Size and Length of the Pipe Line	8 inch Pipe Line measuring between 12. 5 to 14.5 Km.
(xiii)	Tap- off Facility	The dedicated Pipeline will originate from the 13th Tap Off point from Kakinada MLV 13, CH 476.900, of the East West Pipeline of RGTIL.
(xiv)	Pressure at Tap –off point (kg cm2g)	The pressure at the tap-off point ranges between 60 to 72 barg
(xv)	Point of Origin and end point of pipe line	Point of Origin : 13th Tap Off point from Kakinada MLV 13, CH 476.900 of the East West Pipeline of RGTIL End Point: Receiving Station within the Site premises of Astha Power Plant at Pashamylaram.
(xvi)	Gas Pipe Line Connectivity	Connecting from 13th Tap Off point from Kakinada MLV 13, CH 476.900, of the East West Pipeline of RGTIL to meet gas (fuel) requirement for the Power Plant. The dedicated gas line facility will start from the battery limit of the 13th Tap Off Point at Village INOLE to Gas Receiving Station (located within the fenced area of Astha Power Plant).
(xvii)	Indicative route of the proposed natural gas pipeline indicating the	Schematic Route Map, attached as Annexure-1.



Tap Off Point and Delivery Point			
(xviii)	Assessment of total gas volume for transportation in the proposed natural gas pipe line		Generation Capacity MW Gas Volume MMSCMD
		Phase – 1	17.44 0.20
		Phase – 2	52.32 0.30
		Phase -3	87.20 10.00 ST 0.45
(xix)	Source of supply of natural GAS	APM Gas and RLNG through entering into GSA with GAIL / APGDC / or any other supplier.	
(xx)	Any other issue considered as relevant by the Entity	<ul style="list-style-type: none"> All major equipment in respect of the first 2 units have been erected on foundations at site and are ready to generate power. Astha has also submitted draft Power Purchase Agreement (PPA) to, APTRANSCO on 31.12.2010 for approval, in line with the requirements and Astha is in position to supply power to APDISCOMS and Industrial Consumers. From the above, it may be noted that, subject to availability of gas pipeline, Astha is ready to commission the first 2 units and to generate and sell approx. 17MW of Power. 	
(xxi)	Construction and Commissioning	The construction and commissioning of the pipeline and related facilities will be made to comply strictly with the applicable statutory requirements concerning safety and environment and are estimated to be completed within six months of receipt of all approvals and clearances.	

Date: 6th September, 2012
Place: Hyderabad


JAYANT SAHI
Director Projects

Astha Power Corporation Pvt. Ltd.

Name and Signature of Entity/ Individual Person
Official Seal (in case of Entity)

