FINANCIAL BID FORM

Bidder - HEPL

28/4/16

AUTHORIZATION FOR LAYING, BUILDING, OPERATING OR EXPANDING NATURAL GAS PIPELINE AS DEPICTED IN THE MAP

Present Value (PV) of the unit natural gas pipeline tariff bid under this criterion for the first tariff zone in the natural gas pipeline over the economic life of the project. [Natural gas pipeline tariff bid shall be for each year of the economic life of the Project]. *Note#1: Year 1 tariff bid as quoted shall be applicable from the 1st year of operation of the pipeline. The quoted tariff after the economic life of the pipeline to be extended by PNGRB for a period equivalent to the time period between the date of grant of authorization and the starting date of operation of the pipeline, as per the schedule in the bid and extended by Board, wherever applicable.* *Note#2: Year 1 value for tariff to be quoted by the bidder shall not be discounted @ 12% while calculating the respective Present Value i.e. discount factor for 1st year shall thus be taken as unity.* *Note#3: Negative and Zero tariff shall not be accepted and would lead to the rejection of the bid.*	PV of the unit natural gas pipeline tariff bid for the first tariff zone for each year of the economic life of the project using the discount rate of 12% is Rs.335.63 per MMBTU.

Year-wise natural gas pipeline tariff bid for first tariff zone		
	Rs. Per MMBTU	
Year	Figure	Words
Year 1	35.24	*Thirty Five Rupees and Twenty Four Paise*
Year 2	35.24	*Thirty Five Rupees and Twenty Four Paise*
Year 3	35.24	*Thirty Five Rupees and Twenty Four Paise*
Year 4	35.24	*Thirty Five Rupees and Twenty Four Paise*
Year 5	35.24	*Thirty Five Rupees and Twenty Four Paise*
Year 6	37.76	*Thirty Seven Rupees and Seventy Six Paise*
Year 7	37.76	*Thirty Seven Rupees and Seventy Six Paise*
Year 8	37.76	*Thirty Seven Rupees and Seventy Six Paise*
Year 9	37.76	*Thirty Seven Rupees and Seventy Six Paise*
Year 10	37.76	*Thirty Seven Rupees and Seventy Six Paise*
Year 11	40.28	*Forty Rupees and Twenty Eight Paise*
Year 12	40.28	*Forty Rupees and Twenty Eight Paise*
Year 13	40.28	*Forty Rupees and Twenty Eight Paise*
Year 14	40.28	*Forty Rupees and Twenty Eight Paise*
Year 15	40.28	*Forty Rupees and Twenty Eight Paise*
Year 16	45.31	*Forty Five Rupees and Thirty One Paise*
Year 17	45.31	*Forty Five Rupees and Thirty One Paise*
Year 18	45.31	*Forty Five Rupees and Thirty One Paise*
Year 19	45.31	*Forty Five Rupees and Thirty One Paise*
Year 20	45.31	*Forty Five Rupees and Thirty One Paise*
Year 21	50.34	*Fifty Rupees and Thirty Four Paise*
Year 22	50.34	*Fifty Rupees and Thirty Four Paise*
Year 23	50.34	*Fifty Rupees and Thirty Four Paise*
Year 24	50.34	*Fifty Rupees and Thirty Four Paise*
Year 25	50.34	*Fifty Rupees and Thirty Four Paise*

28/4/16

Percentage increase bid under this criterion which when multiplied with the unit natural gas pipeline tariff bid for each of the year of the economic life of the project under clause A shall determine the incremental unit natural gas pipeline tariff for the second tariff zone over the first tariff zone for each of the year. *(a single number lower than one hundred percent is to be bid)*	15% increase bid
Percentage increase bid under this criterion which when multiplied with the unit natural gas pipeline tariff bid under clause A for each of the year of the economic life of the project and the percentage bid under clause B shall determine the incremental unit natural gas pipeline tariff for the third tariff zone over the second tariff zone for each of the year *(a single number lower than fifty percent is to be bid)*	1 % increase bid

Note: Percentage increase of tariff over the 1st zone and also the multiplier for the increase in 3rd and the subsequent zone cannot be zero, they have to be positive integer expressed in percentage.

For H-ENERGY PRIVATE LIMITED

Director / Authorised Signatory

H-ENERGY PRIVATE LIMITED MUMBAI

Present value of the natural gas volumes (in million standard cubic meters per day) proposed to be transported in the natural gas pipeline over the economic life of the project. [Natural gas volumes bid for transporting in the natural gas pipeline shall be for each year of the economic life of the project]. *Note#1: Year 1 volume bid as quoted shall be applicable from the 1st year of operation of the pipeline. The quoted volume after the economic life of the pipeline to be extended by PNGRB for a period equivalent to the time period between the date of grant of authorization and the starting date of operation of the pipeline, as per the schedule in the bid and extended by the Board, wherever applicable.* *Note#2: Year 1 value for natural gas volume to be quoted by the bidder shall not be discounted @ 12% while calculating the respective Present Value i.e. discount factor for 1st year shall thus be taken as unity.*	PV of the natural gas volumes bid for transport in the natural gas pipeline for each of the year of the economic life of the project discounted at twelve percent is 82.12 (MMSCMD) Year-wise natural gas volumes bid-

Year	Volumes (in MMSCMD)	
	Figure	Words
Year 1	6.39	*Six point Three Nine*
Year 2	6.53	*Six point Five Three*
Year 3	6.83	*Six point Eight Three*
Year 4	7.15	*Seven point One Five*
Year 5	7.48	*Seven point Four Eight*
Year 6	9.75	*Nine point Seven Five*
Year 7	10.19	*Ten point One Nine*
Year 8	10.56	*Ten point Five Six*
Year 9	10.96	*Ten point Nine Six*
Year 10	11.36	*Eleven point Three Six*
Year 11	11.79	*Eleven point Seven Nine*
Year 12	12.23	*Twelve point Two Three*
Year 13	12.62	*Twelve point Six Two*
Year 14	12.62	*Twelve point Six Two*
Year 15	12.62	*Twelve point Six Two*
Year 16	12.62	*Twelve point Six Two*
Year 17	12.62	*Twelve point Six Two*
Year 18	12.62	*Twelve point Six Two*
Year 19	12.62	*Twelve point Six Two*
Year 20	12.62	*Twelve point Six Two*
Year 21	12.62	*Twelve point Six Two*
Year 22	12.62	*Twelve point Six Two*
Year 23	12.62	*Twelve point Six Two*
Year 24	12.62	*Twelve point Six Two*
Year 25	12.62	*Twelve point Six Two*

1. All quotes should be both in figures as well as words in the space as provided.

2. All values quoted above under A, B & C should be up to 2 (two) decimal places only. In case any quoted figure is more than two decimal places the same shall not be considered beyond second decimal point.

March 16, 2016

mbai

FOR [illegible]

Name and Signature of Bidder / Authorized Signatory

Official Seal MANISH KUMAR TIWARI

(2/2) M. Shyjith 28/4/16 28/4/16

Bid No. : BID/NGPL/10/2015/3/JMPL

Annexure-14

(The bidder shall provide required information in the given format duly filled-in and signed by the bidder or authorized signatory along with official seal. This is to be submitted in the executive summary of the feasibility report in Envelope-III)

SUMMARY SHEET OF FEASIBILITY REPORT

Sl. No.	Description	1st Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	7th Year	8th Year	9th Year	10th Year	11th Year	12th Year
1.0	Demand for Natural Gas (MMSCMD) in:												
	a. First tariff Zone	2.36	2.44	2.52	2.60	2.65	2.71	2.84	2.97	3.10	3.22	3.29	3.47
	b. Second tariff Zone	0.02	0.05	0.15	0.25	0.36	0.46	0.57	0.65	0.74	0.83	0.92	1.04
	c. Third tariff Zone	7.80	7.75	7.62	7.48	7.38	7.28	7.34	7.43	7.51	7.60	7.58	7.79
2.0	Volume of natural gas to be transported in (MMSCMD):												
	a. First tariff Zone	1.48	1.56	1.67	1.80	1.91	2.53	2.69	2.84	2.99	3.14	3.29	3.45
	b. Second tariff Zone	0.02	0.03	0.10	0.18	0.26	0.43	0.54	0.62	0.71	0.81	0.92	1.03
	c. Third tariff Zone	4.89	4.94	5.05	5.18	5.31	6.80	6.96	7.10	7.25	7.41	7.58	7.75
3	System Capacity of Pipeline as per relevant Regulation (MMSCMD)	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
4.0	Natural Gas Pipeline Tariff												
	a. Natural Gas Pipeline Tariff (Rs/MMBTU) in First Tariff Zone	35.24	35.24	35.24	35.24	35.24	37.76	37.76	37.76	37.76	37.76	40.28	40.28
4.1	Percentage Increase in Tariff for 2nd Tariff Zone over the 1st Tariff Zone (Number)	15%											
4.2	Percentage Increase in Tariff for 3rd Tariff Zone over the 2nd Tariff Zone (Number)	1%											
5.0	Total Cash Outflow (Rs. In lacs)												
	a. Capex	219,456					9,720					9,720	
	b. Opex	10,973	11,302	11,641	11,990	12,350	12,720	13,102	13,495	13,900	14,317	14,747	15,189
6.0	Total Cash inflow (Rs. In lacs)												
	a. Natural Gas Pipeline Tariff	33,879	34,597	36,121	37,801	39,512	55,151	57,592	59,619	61,820	64,062	70,927	73,522
7.0	Pre-Tax IRR on Total capital employed based on above project cash flow	19%											

H-ENERGY PRIVATE LIMITED MUMBAI

For H-ENERGY PRIVATE LIMITED

Director / Authorised Signatory

2/2 M. Shyjtal 28/4/16. Kvm 28/4/16

Sl. No.	Description	13th Year	14th Year	15th Year	16th Year	17th Year	18th Year	19th Year	20th Year	21st Year	22nd Year	23rd Year	24th Year	25th Year
1.0	Demand for Natural Gas (MMSCMD) in:													
	a. First tariff Zone	3.66	3.85	4.04	4.14	4.38	4.63	4.88	5.15	5.28	5.64	6.01	6.38	6.79
	b. Second tariff Zone	1.13	1.23	1.34	1.42	1.55	1.68	1.82	1.96	2.05	2.23	2.41	2.60	2.81
	c. Third tariff Zone	8.00	8.21	8.41	8.39	8.66	8.93	9.19	9.43	9.40	9.76	10.11	10.45	10.81
2.0	Volume of natural gas to be transported in (MMSCMD):													
	a. First tariff Zone	3.61	3.65	3.70	3.74	3.79	3.84	3.88	3.93	3.99	4.04	4.09	4.14	4.20
	b. Second tariff Zone	1.12	1.17	1.23	1.28	1.34	1.39	1.45	1.50	1.54	1.59	1.64	1.69	1.74
	c. Third tariff Zone	7.89	7.79	7.69	7.59	7.49	7.39	7.29	7.19	7.09	6.98	6.88	6.78	6.69
3	System Capacity of Pipeline as per relevant Regulation (MMSCMD)	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
4.0	Natural Gas Pipeline Tariff													
	a. Natural Gas Pipeline Tariff (Rs/MMBTU) in First Tariff Zone	40.28	40.28	40.28	45.31	45.31	45.31	45.31	45.31	50.34	50.34	50.34	50.34	50.34
4.1	Percentage Increase in Tariff for 2nd Tariff Zone over the 1st Tariff Zone (Number)													
4.2	Percentage Increase in Tariff for 3rd Tariff Zone over the 2nd Tariff Zone (Number)													
5.0	Total Cash Outflow (Rs. In lacs)													
	c. Capex													
	d. Opex	15,645	16,114	16,597	17,095	17,608	18,136	18,680	19,241	19,818	20,413	21,025	21,656	22,305
6.0	Total Cash inflow (Rs. In lacs)													
	b. Natural Gas Pipeline Tariff	75,785	75,741	75,698	85,102	85,054	85,005	84,962	84,905	94,268	94,205	94,144	94,083	94,024
7.0	Pre-Tax IRR on Total capital employed based on above project cash flow													

Note 1 : As the item number 2 and 4 are with respect to biddable items, corresponding quotes given in the financial bid are to be used for this FR summary sheet.
Note 2 : All cells in each row / column has to be filled in, corresponding to the FR submitted.

Date: 16.03.2016
Place: Mumbai

For H-Energy Private Limited
Director / Authorised Signatory

Name and Signature of Bidder or Authorized Signatory

Official Seal

H-ENERGY PRIVATE LIMITED MUMBAI

MANISH KUMAR TIWARI

2/2