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Item Rate BoQ

Tender Inviting Authority: PETROLEUM AND NATURAL GAS REGULATORY BOARD

Name of Work: GRANT OF AUTHORIZATION FOR LAYING, BUILDING, OPERATING OR EXPANDING SRIKAKULAM (ANDHRA PRADESH) - ANGUL (ODISHA) NATURAL GAS PIPELINE

BID NO : BID/NGPL/13/2018/03/SAPL

Name of the Bidder/
Bidding Firm /
Company : GAIL (INDIA) LIMITED

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Units	Figures To be entered by the Bidder	In Words
1	2	3	4	5
1	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 the 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 tariffs shall not be accepted and would lead to the rejection of the bid.			
1.01	Unit natural gas pipeline tariff bid for first tariff zone - Year 01	Rs per MMBTU	15.00	INR Fifteen Only
1.02	Unit natural gas pipeline tariff bid for first tariff zone - Year 02	Rs per MMBTU	15.00	INR Fifteen Only
1.03	Unit natural gas pipeline tariff bid for first tariff zone - Year 03	Rs per MMBTU	64.60	INR Sixty Four and Paise Fifty Only
1.04	Unit natural gas pipeline tariff bid for first tariff zone - Year 04	Rs per MMBTU	67.73	INR Sixty Seven and Paise Seventy Three Only
1.05	Unit natural gas pipeline tariff bid for first tariff zone - Year 05	Rs per MMBTU	71.11	INR Seventy One and Paise Eleven Only
1.06	Unit natural gas pipeline tariff bid for first tariff zone - Year 06	Rs per MMBTU	74.67	INR Seventy Four and Paise Sixty Seven Only
1.07	Unit natural gas pipeline tariff bid for first tariff zone - Year 07	Rs per MMBTU	78.40	INR Seventy Eight and Paise Forty Only
1.08	Unit natural gas pipeline tariff bid for first tariff zone - Year 08	Rs per MMBTU	82.32	INR Eighty Two and Paise Thirty Two Only
1.09	Unit natural gas pipeline tariff bid for first tariff zone - Year 09	Rs per MMBTU	86.44	INR Eighty Six and Paise Forty Four Only
1.10	Unit natural gas pipeline tariff bid for first tariff zone - Year 10	Rs per MMBTU	90.76	INR Ninety and Paise Seventy Six Only
1.11	Unit natural gas pipeline tariff bid for first tariff zone - Year 11	Rs per MMBTU	95.30	INR Ninety Five and Paise Thirty Only
1.12	Unit natural gas pipeline tariff bid for first tariff zone - Year 12	Rs per MMBTU	100.06	INR One Hundred and Paise Six Only
1.13	Unit natural gas pipeline tariff bid for first tariff zone - Year 13	Rs per MMBTU	105.06	INR One Hundred & Five and Paise Six Only
1.14	Unit natural gas pipeline tariff bid for first tariff zone - Year 14	Rs per MMBTU	110.32	INR One Hundred & Ten and Paise Thirty Two
1.15	Unit natural gas pipeline tariff bid for first tariff zone - Year 15	Rs per MMBTU	116.83	INR One Hundred & Fifteen and Paise Eighty

कुमार शंकर / KUMAR SHANKER

मुख्य महाप्रबंधक (विपणन-आर.ए.) / Chief General Manager (Mktg)
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KUMAR SHANKER

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Date: 2018.11.13 14:32:05 +05'30'

1.16	Unit natural gas pipeline tariff bid for first tariff zone - Year 16	Rs per MMBTU	121.82	INR One Hundred & Twenty One and Paise
1.17	Unit natural gas pipeline tariff bid for first tariff zone - Year 17	Rs per MMBTU	127.71	INR One Hundred & Twenty Seven and Paise
1.18	Unit natural gas pipeline tariff bid for first tariff zone - Year 18	Rs per MMBTU	134.09	INR One Hundred & Thirty Four and Paise
1.19	Unit natural gas pipeline tariff bid for first tariff zone - Year 19	Rs per MMBTU	140.80	INR One Hundred & Forty and Paise Eighty
1.20	Unit natural gas pipeline tariff bid for first tariff zone - Year 20	Rs per MMBTU	147.84	INR One Hundred & Forty Seven and Paise
1.21	Unit natural gas pipeline tariff bid for first tariff zone - Year 21	Rs per MMBTU	155.23	INR One Hundred & Fifty Five and Paise
1.22	Unit natural gas pipeline tariff bid for first tariff zone - Year 22	Rs per MMBTU	162.99	INR One Hundred & Sixty Two and Paise
1.23	Unit natural gas pipeline tariff bid for first tariff zone - Year 23	Rs per MMBTU	171.14	INR One Hundred & Seventy One and Paise
1.24	Unit natural gas pipeline tariff bid for first tariff zone - Year 24	Rs per MMBTU	179.69	INR One Hundred & Seventy Nine and Paise
1.25	Unit natural gas pipeline tariff bid for first tariff zone - Year 25	Rs per MMBTU	188.68	INR One Hundred & Eighty Eight and Paise
2	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 per MMBTU	Rs per MMBTU	665.00	INR Six Hundred & Sixty Five Only
3	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] Note: Percentage increase of tariff over the 1st zone cannot be zero, they have to be positive integer expressed in percentage	% INCREASE BID	1.00	One Point Zero Zero Only
4	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.			
4.01	Natural gas volumes bid - Year 01	MMSCMD	5.00	Five Point Zero Zero Only
4.02	Natural gas volumes bid - Year 02	MMSCMD	5.00	Five Point Zero Zero Only
4.03	Natural gas volumes bid - Year 03	MMSCMD	5.00	Five Point Zero Zero Only
4.04	Natural gas volumes bid - Year 04	MMSCMD	5.00	Five Point Zero Zero Only
4.05	Natural gas volumes bid - Year 05	MMSCMD	5.00	Five Point Zero Zero Only
4.06	Natural gas volumes bid - Year 06	MMSCMD	5.00	Five Point Zero Zero Only
4.07	Natural gas volumes bid - Year 07	MMSCMD	5.00	Five Point Zero Zero Only
4.08	Natural gas volumes bid - Year 08	MMSCMD	5.00	Five Point Zero Zero Only
4.09	Natural gas volumes bid - Year 09	MMSCMD	5.00	Five Point Zero Zero Only
4.10	Natural gas volumes bid - Year 10	MMSCMD	5.00	Five Point Zero Zero Only
4.11	Natural gas volumes bid - Year 11	MMSCMD	5.00	Five Point Zero Zero Only
4.12	Natural gas volumes bid - Year 12	MMSCMD	5.00	Five Point Zero Zero Only
4.13	Natural gas volumes bid - Year 13	MMSCMD	5.00	Five Point Zero Zero Only
4.14	Natural gas volumes bid - Year 14	MMSCMD	5.00	Five Point Zero Zero Only
4.15	Natural gas volumes bid - Year 15	MMSCMD	5.00	Five Point Zero Zero Only
4.16	Natural gas volumes bid - Year 16	MMSCMD	5.00	Five Point Zero Zero Only
4.17	Natural gas volumes bid - Year 17	MMSCMD	5.00	Five Point Zero Zero Only
4.18	Natural gas volumes bid - Year 18	MMSCMD	5.00	Five Point Zero Zero Only
4.19	Natural gas volumes bid - Year 19	MMSCMD	5.00	Five Point Zero Zero Only

कुमार शंकर / KUMAR SHANKER
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4.20	Natural gas volumes bid - Year 20	MMSCMD	5.00	Five Point Zero Zero Only
4.21	Natural gas volumes bid - Year 21	MMSCMD	5.00	Five Point Zero Zero Only
4.22	Natural gas volumes bid - Year 22	MMSCMD	5.00	Five Point Zero Zero Only
4.23	Natural gas volumes bid - Year 23	MMSCMD	5.00	Five Point Zero Zero Only
4.24	Natural gas volumes bid - Year 24	MMSCMD	5.00	Five Point Zero Zero Only
4.25	Natural gas volumes bid - Year 25	MMSCMD	5.00	Five Point Zero Zero Only
6	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 ie <___> million standard cubic meters per day (MMSCMD).	MMSCMD	43.92	Four Three Point Nine Two Only

S. Kumar

कुमार शंकर / KUMAR SHANKER
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Annexure 14

Bid No.: BID/NGPL/13/2018/03/SAPL

SUMMARY SHEET OF FEASIBILITY REPORT

Sl. No.	Description	1st Yr	2nd Yr	3rd Yr	4th Yr	5th Yr	6th Yr	7th Yr	8th Yr	9th Yr	10th Yr	11th Yr	12th Yr	13th Yr	14th Yr	15th Yr	16th Yr	17th Yr	18th Yr	19th Yr	20th Yr	21th Yr	22th Yr	23th Yr	24th Yr	25th Yr
1.0	Demand for Natural Gas (MMSCMD) in:																									
1.1	a. First Tariff Zone	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
1.2	b. Second Tariff Zone	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
2.0	Volume of natural gas to be transported in:																									
2.1	a. First Tariff Zone	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
2.2	b. Second Tariff Zone	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3.0	System Capacity of Pipeline as per relevant																									
4.0	Regulation (MMSCMD)	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65
4.1	a. Natural Gas Pipeline Tariff (Rs/ MMBTU) in																									
4.2	b. Percentage Increase in Tariff for 2nd Tariff Zone over the 1st Tariff Zone (Number)																									
5.0	Total Cash Outflow (Rs. in lacs)	15.00	15.00	64.50	67.73	71.11	74.67	78.40	82.32	86.44	90.76	95.30	100.06	105.06	110.32	115.83	121.62	127.71	134.09	140.80	147.84	155.23	162.99	171.14	179.69	188.68
5.1	a. Capex	483	966	966	242																					
5.2	b. Opex	52	54	57	59	62	65	68	71	74	77	81	84	88	92	96	101	105	110	115	120	125	131	137	143	149
6.0	Total Cash Inflows (Rs. in lacs)	101	101	434	456	479	503	528	554	582	611	642	674	708	743	780	819	860	903	948	996	1,045	1,098	1,153	1,210	1,271
7.0	Pre-Tax IRR on Total capital employed based on above project cash flow	13.74%																								

Note: 1. As the Item Number 2 & 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.

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S. Kumar

कुमार शंकर / KUMAR SHANKER
मुख्य महाप्रबंधक (विपणन-वार.प.) / Chief General Manager (Mktg. -RA)
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