KEI-RSOS PETROLEUM AND ENERGY PVT LTD

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Successful Bidder (KRPEPL led Consortium)

FINANCIAL BID FORM

(The bidder shall provide required information in the given format duly signed by the bidder or authorized signatory along with official seal. This shall be submitted separately in sealed envelope earmarked as Financial Bid).

Bid No.: BID/NGPL/06/2013/2/ENPL

28/8/14 28.8.14 M.S.Jyothi 28/8/14 28/8/14

AUTHORIZATION FOR LAYING, BUILDING, OPERATING OR EXPANDING NATURAL GAS PIPELINE AS DEPICTED IN THE MAP		
FINANCIAL BID (TO BE SUBMITTED IN A SEPARATE EARMARKED SEALED ENVELOPE)		
A	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*	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.75.50 per MMBTU Year-wise unit natural gas pipeline tariff bid for first tariff zone

	Rs. Per MMBTU	
	Figure.	Words
Year 1	7.95	Seven and Decimal Ninety Five
Year 2	8.03	Eight and Decimal Zero Three
Year 3	8.11	Eight and Decimal Eleven
Year 4	8.19	Eight and Decimal Nineteen
Year 5	8.27	Eight and Decimal Twenty Seven
Year 6	8.36	Eight and Decimal Thirty Six
Year 7	8.44	Eight and Decimal Forty Four
Year 8	8.52	Eight and Decimal Fifty Two
Year 9	8.61	Eight and Decimal Sixty One
Year 10	8.69	Eight and Decimal Sixty Nine
Year 11	8.78	Eight and Decimal Seventy Eight
Year 12	8.87	Eight and Decimal Eighty Seven
Year 13	8.96	Eight and Decimal Ninety Six
Year 14	9.05	Nine and Decimal Zero Five
Year 15	9.23	Nine and Decimal Twenty Three
Year 16	9.41	Nine and Decimal Forty One
Year 17	9.60	Nine and Decimal Sixty
Year 18	9.79	Nine and Decimal Seventy Nine
Year 19	9.99	Nine and Decimal Ninety Nine
Year 20	10.19	Ten and Decimal Nineteen
Year 21	10.39	Ten and Decimal Thirty Nine
Year 22	10.60	Ten and Decimal Sixty
Year 23	10.81	Ten and Decimal Eighty One
Year 24	11.03	Eleven and Decimal Zero Three

No cutting and no overwriting

PLOT.NO.C-156, AISWARAYA ENCLAVE, WALKERS ROAD, VENKATESWARA NAGAR, RAJAHMUNDRY-533103
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	be taken as unity ***Note#3:*** *Negative and Zero tariffs shall not be accepted and would lead to the rejection of the bid.*	Year 25	11.25	Eleven and Decimal Twenty Five

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B | 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*

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 196.92 million standard cubic meters per day (MMSCMD). **Year-wise natural gas volumes bid –**

	Number (MMSCMD)	
	Figure.	**Words**
Year 1	13.30	Thirteen and decimal thirty
Year 2	13.30	Thirteen and decimal thirty
Year 3	19.00	Nineteen
Year 4	21.00	Twenty One
Year 5	23.00	Twenty Three
Year 6	25.00	Twenty Five
Year 7	27.00	Twenty Seven
Year 8	27.00	Twenty Seven
Year 9	27.00	Twenty Seven
Year 10	27.00	Twenty Seven
Year 11	27.00	Twenty Seven
Year 12	27.00	Twenty Seven
Year 13	27.00	Twenty Seven
Year 14	27.00	Twenty Seven
Year 15	27.00	Twenty Seven
Year 16	27.00	Twenty Seven
Year 17	27.00	Twenty Seven

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	respective Present Value i.e. discount factor for 1st year shall thus be taken as unity.	Year 18	27.00	Twenty Seven
		Year 19	27.00	Twenty Seven
		Year 20	27.00	Twenty Seven
		Year 21	27.00	Twenty Seven
		Year 22	27.00	Twenty Seven
		Year 23	27.00	Twenty Seven
		Year 24	27.00	Twenty Seven
		Year 25	27.00	Twenty Seven

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Monthly and no escalation

Notes:

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 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.

Date : 12 Jan 2014
Place : Rajahmundry

28/8/14 28/8/14

ROHIT KUMAR
Name and Signature of Bidder / Authorized Signatory
Official Seal

Mishyat Ali 28/8/14.

28/8/14

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Annexure 14

SUMMARY SHEET OF FEASIBILITY REPORT 4/2

Bid No.: BID/NGPL/06/2013/2/ENPL

SI. No.	Description	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11
1	Demand for Natural Gas (MMSCMD) in:											
	a. First Tariff Zone	21.93	26.02	31.72	33.31	34.98	36.72	37.64	38.58	39.55	40.54	41.55
2	Volume of natural gas to be transported in:											
	a. First Tariff Zone	13.3	13.3	19	21	23	25	27	27	27	27	27
3	System Capacity of Pipeline as per relevant Regulation (MMSCMD)	36	36	36	36	36	36	36	36	36	36	36
4	Natural Gas Pipeline Tariff											
	a. Natural Gas Pipeline Tariff (Rs/ MMBTU) in First Tariff Zone	7.95	8.03	8.11	8.19	8.27	8.36	8.44	8.52	8.61	8.69	8.78
5	Total Cash Outflow (Rs. in lacs)											
	a. Capex	72948.34										
	b. Opex	1509.50	1539.50	1571.06	1604.27	1639.22	1676.01	1714.76	1755.56	1798.54	1843.82	1891.54
6	Total Cash inflows (Rs. In Lacs)											
	a. Natural Gas Pipeline Tariff	16,713.47	16,551.85	23,881.96	26,659.80	29,490.82	32,375.79	35,315.52	35,668.67	36,025.36	36,385.61	36,749.47
7	Pre-Tax IRR on Total capital employed based on above project cash flow	25.33%										

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Sl. No.	Description	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19
1	Demand for Natural Gas (MMSCMD) in:								
	a. First Tariff Zone	42.59	43.65	44.75	45.86	47.01	47.72	48.43	49.16
2	Volume of natural gas to be transported in:								
	a. First Tariff Zone	27	27	27	27	27	27	27	27
3	System Capacity of Pipeline as per relevant Regulation (MMSCMD)	36	36	36	36	36	36	36	36
4	Natural Gas Pipeline Tariff								
	a. Natural Gas Pipeline Tariff (Rs/ MMBTU) in First Tariff Zone	8.87	8.96	9.05	9.23	9.41	9.60	9.79	9.99
5	Total Cash Outflow (Rs. in lacs)								
	a. Capex								
	b. Opex	1941.83	1994.85	2050.75	2109.71	2171.88	2237.48	2306.68	2379.71
6	Total Cash inflows (Rs. In Lacs)								
	a. Natural Gas Pipeline Tariff	37,116.96	37,488.13	37,863.01	38,620.27	39,392.68	40,180.53	40,984.14	41,803.83
7	Pre-Tax IRR on Total capital employed based on above project cash flow								

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Sl. No.	Description	Y20	Y21	Y22	Y23	Y24	Y25
1	Demand for Natural Gas (MMSCMD) in:						
	a. First Tariff Zone	49.90	50.64	51.40	52.17	52.96	53.75
2	Volume of natural gas to be transported in:						
	a. First Tariff Zone	27	27	27	27	27	27
3	System Capacity of Pipeline as per relevant Regulation (MMSCMD)	36	36	36	36	36	36
4	Natural Gas Pipeline Tariff						
	a. Natural Gas Pipeline Tariff (Rs/ MMBTU) in First Tariff Zone	10.19	10.39	10.60	10.81	11.03	11.25
5	Total Cash Outflow (Rs. in lacs)						
	a. Capex						
	b. Opex	2456.78	2538.14	2624.03	2714.71	2810.47	2911.61
6	Total Cash inflows (Rs. In Lacs)						
	a. Natural Gas Pipeline Tariff	42,639.90	43,492.70	44,362.55	45,249.81	46,154.80	47,077.90
7	Pre-Tax IRR on Total capital employed based on above project cash flow						

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M. Shyam Ali 28/8/14

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