Revised Annexure 15

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Sheet 1of 2

EXECUTIVE SUMMARY SHEET OF FEASIBILITY REPORT

Bid No.:PNGRB/CGD/BID/R-3/2/GA-BHAVNAGAR DISTRICT

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	21st Yr	22nd Yr	23rd Yr	24th Yr	25th Yr
1	Annual Gas Transportation Demand in each segment (scm) (in '000 scm)																									
	a. Domestic	24,964.40	50,065.59	74,893.19	99,857.59	99,857.59	100,131.17	99,857.59	99,857.59	99,857.59	100,131.17	99,857.59	99,857.59	99,857.59	100,131.17	99,857.59	99,857.59	99,857.59	100,131.17	99,857.59	99,857.59	99,857.59	100,131.17	99,857.59	99,857.59	99,857.59
	b. Commercial	0.00	898.90	1,900.92	3,033.15	4,311.38	5,769.62	6,155.36	6,520.36	6,894.49	7,325.12	7,733.99	8,190.24	8,673.86	9,228.32	9,741.49	10,325.49	10,927.74	11,616.47	12,259.99	12,999.11	13,765.61	14,635.97	15,453.74	16,375.36	17,360.86
	c. Industrial	0.00	4,386.78	15,218.24	54,372.72	125,013.52	206,025.34	360,322.61	447,827.10	547,894.81	604,491.34	670,839.43	742,812.30	821,239.52	909,464.41	992,800.25	1,086,523.71	1,189,869.24	1,307,022.80	1,428,329.93	1,565,711.91	1,724,623.60	1,903,694.02	2,088,936.09	2,297,635.08	2,518,674.29
	d. Transport (CNG)	0.00	1,745.55	6,721.19	21,452.87	46,123.61	70,984.94	100,357.42	135,541.76	171,362.03	206,547.16	242,978.35	277,707.91	313,263.92	352,842.57	393,571.28	440,021.75	491,946.81	551,506.21	614,910.81	687,500.58	806,314.70	944,495.82	1,096,540.88	1,272,721.16	1,473,313.50
	e. Total	24,964.40	57,096.82	98,733.54	178,716.33	275,306.10	382,911.07	566,692.99	689,746.80	826,008.91	918,494.79	1,021,409.36	1,128,568.04	1,243,034.89	1,371,666.48	1,495,970.61	1,636,728.53	1,792,601.38	1,970,276.66	2,155,358.31	2,366,069.19	2,644,561.50	2,962,956.99	3,300,788.29	3,686,589.19	4,109,206.24
2	No. of Domestic PNG Connections	102,084.00	102,084.00	102,084.00	102,084.00	0.00	100.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
3	Steel Pipeline Network (Inch-KM)	2,246.44	2,246.44	2,246.44	748.81	0.00	10.00	10.00	10.00	10.00	33.33	10.00	10.00	10.00	10.00	50.00	10.00	10.00	10.00	10.00	66.67	10.00	10.00	10.00	10.00	83.33
4	Tariffs for Regulated Activities																									
	a. Network Tariff (Rs/ MMBTU)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	b. Compression Charges for CNG (Rs/ Kg)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	5.98	13.94	23.89	35.23
5	Total Cash Outflow (Rs. in lacs) towards regulated activities																									
	a. Capex	15,973.46	16,338.37	16,666.89	10,354.01	85.09	134.51	514.56	946.71	1,252.65	1,675.11	1,592.45	2,173.37	2,478.29	2,785.02	3,311.90	3,701.17	4,449.86	4,773.81	5,096.45	5,764.03	5,743.88	5,825.69	7,429.55	7,774.58	9,513.32
	b. Opex	554.23	1,255.69	1,948.72	2,836.82	3,635.29	4,354.92	4,960.04	5,563.38	6,242.28	6,748.59	7,309.05	7,841.85	8,382.67	9,031.73	9,692.54	11,673.28	12,755.04	14,051.88	15,456.48	17,112.51	19,488.53	22,282.59	25,337.60	28,939.57	33,010.49
	Total (b (a) +5(b))	16,527.69	17,594.06	18,615.61	13,190.83	3,720.38	4,489.43	5,474.60	6,510.08	7,494.92	8,423.69	8,901.51	10,015.22	10,860.95	11,816.75	13,004.44	15,374.45	17,204.90	18,825.69	20,552.93	22,876.54	25,232.41	28,108.28	32,767.15	36,714.15	42,523.82
6	Total Cash inflows from Regulated Activities (Rs. In lacs)																									
	a. Network Tariff (Sl.No 1e x 1000 x 4a / K_1)/100	0.08	0.19	0.33	0.60	0.93	1.29	1.91	2.33	2.79	3.10	3.45	3.81	4.19	4.63	5.05	5.52	6.05	6.65	7.27	7.98	8.92	9.99	11.13	12.43	13.86
	b. Compression Charges for CNG(Sl.no 1d x 1000 x 4b / K_2)/100	0.00	0.13	0.48	1.54	3.32	5.11	7.22	9.75	12.33	14.86	17.48	19.98	22.54	25.38	28.31	31.66	35.39	39.68	44.24	49.46	58.01	40,633.71	109,949.92	218,720.34	373,416.08
	Total Cash inflow (Rs. In Lacs) [(5(a) +6(b))]	0.08	0.32	0.82	2.15	4.25	6.40	9.13	12.08	15.11	17.96	20.93	23.79	26.73	30.01	33.36	37.18	41.44	46.32	51.51	57.44	66.93	40,643.70	109,961.05	218,732.77	373,429.94
7	Net Cash flows (Rs. In Lacs) (Sl.No.6- Sl.No.5)	(16,527.60)	(17,593.74)	(18,614.79)	(13,188.69)	(3,716.13)	(4,483.03)	(5,465.47)	(6,498.01)	(7,479.81)	(8,405.74)	(8,880.58)	(9,991.44)	(10,834.22)	(11,786.74)	(12,971.07)	(15,337.27)	(17,163.46)	(18,779.37)	(20,501.42)	(22,819.10)	(25,165.48)	12,535.42	77,193.90	182,018.62	330,906.12
8	Pre-Tax Project IRR (%) based on above net cash flows	6.00%																								

Sheet 2of 2

Notes : 1 Sl.No 2,3,4 are biddable items. The financial bid may vary by a maximum of +/- 20% from the yearwise numbers mentioned above.

2 All cells in each row/column has to be necessarily filled in, corresponding to the FR submitted. FR has to be prepared as per guidelines provided in Clause 2.5 of ITB. FR without data supporting above figures may be rejected.

3 All figures mentioned above shall be upto a maximum of 2 decimal places.

4 Technical assumptions for bid evaluation are

(a) 1 MMBTU = 29.65 SCM (Factor K_1)

(b) 1 Kg = 1.39 SCM (Factor K_2)

(c) GCV of NG = 8,500 Kcal/ SCM

Date: 07th February, 2011

Place: Ahmedabad

Gujarat Gas Company Limited

Name and Signature of bidder or authorized signatory

Office Seal

NAKUL RAHEJA

PAGE 4A

Sheet 1 of 2

		Year	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11	Yr 12	Yr 13	Yr 14
1	Annual Gas Transportation Demand in each segment (figs in '000 scm)															
a.	Domestic	000 SCM	8,452.50	36,459.06	58,738.75	81,095.00	89,425.00	89,670.00	89,425.00	89,425.00	89,425.00	89,670.00	89,425.00	89,425.00	89,425.00	89,670.00
b.	Commercial	000 SCM	168.47	1,837.86	4,100.77	5,707.47	6,920.41	7,909.27	8,762.48	9,733.30	10,811.68	12,041.15	12,906.59	13,621.56	14,376.15	15,213.26
c	Industrial	000 SCM	9,629.31	53,704.28	89,690.93	119,257.49	146,099.12	169,988.56	193,625.32	220,903.20	251,936.55	288,146.95	318,266.83	346,910.85	378,132.83	413,257.69
d.	Transport (CNG)	000 SCM	3,864.00	17,308.90	26,014.52	32,122.97	41,096.27	53,003.15	61,013.99	67,115.38	73,272.63	78,607.44	82,209.34	85,262.79	90,911.29	96,335.13
e.	Total	000 SCM	22,114.3	109,310.1	178,545.0	238,182.9	283,540.8	320,571.0	352,826.8	387,176.9	425,445.9	468,465.5	502,807.8	535,220.2	572,845.3	614,476.1
2	No. of Domestic PNG Connections Added	Num	122,500	122,500	122,500	122,500	-	-	-	-	-	-	-	-	-	-
3	Steel Pipeline Network (Inch-KM)	Inch-Km	2,592.44	2,334.37	2,104.00	1,910.19	-	-	-	-	-	-	-	-	-	-
4	Tariffs for Regulated Activities															
a.	Network Tariff (Rs/ MMBTU)	Rs / mmbtu	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
b.	Compression Charges for CNG (Rs/ Kg)	Rs / kg	0.45	0.45	0.45	0.45	0.45	0.50	0.50	0.50	0.50	0.50	8.45	8.87	9.32	9.78
5	Total Cash Outflow (Rs. in lacs) towards regulated activities															
a.	Capex	INR Lacs	21,760.57	19,748.07	18,341.18	17,543.43	476.98	433.21	58.41	30.81	74.51	61.27	31.70	47.09	304.01	352.44
b.	Opex	INR Lacs	200.55	472.72	760.85	1,000.91	1,209.11	1,413.68	1,558.42	1,688.76	1,825.47	1,966.31	2,099.85	2,234.54	2,444.51	2,651.82
	Total Cash Outflow [5(a) + 5 (b)]	INR Lacs	21,961.1	20,220.8	19,102.0	18,544.3	1,686.1	1,846.9	1,616.8	1,719.6	1,900.0	2,027.6	2,131.5	2,281.6	2,748.5	3,004.3
6	Total Cash inflows from Regulated Activities (Rs. In Lacs)	INR Lacs														
a.	Network Tariff (Sl No. 1e x 4a/K1)/100	INR Lacs	0.07	0.33	0.54	0.72	0.86	1.08	1.19	1.31	1.43	1.58	1.70	1.81	1.93	2.07
b.	Compression Charges for CNG (Sl No. 1d x 4b/K2)/100	INR Lacs	12.51	56.04	84.22	104.00	133.05	190.66	219.47	241.42	263.57	282.76	4,997.62	5,442.40	6,093.10	6,779.45
	Total Cash inflow {6(a) + 6(b)}	INR Lacs	12.6	56.4	84.8	104.7	133.9	191.7	220.7	242.7	265.0	284.3	4,999.3	5,444.2	6,095.0	6,781.5
7	Net Cash flows (Rs. In Lacs)	INR Lacs	(21,948.5)	(20,164.4)	(19,017.3)	(18,439.6)	(1,552.2)	(1,655.2)	(1,396.2)	(1,476.8)	(1,635.0)	(1,743.2)	2,867.8	3,162.6	3,346.5	3,777.3
8	Pre-Tax Project IRR (%) based on above net cash flows	%	**6.10%**													

P. P. G Sarma, CEO
(Authorized Signatory)

For GSPC Gas Co. Ltd.

Sheet 1 of 2

		Year	Yr 15	Yr 16	Yr 17	Yr 18	Yr 19	Yr 20	Yr 21	Yr 22	Yr 23	Yr 24	Yr 25
1	Annual Gas Transportation Demand in each segment (figs in '000 scm)												
a.	Domestic	000 SCM	89,425.00	89,425.00	89,425.00	89,670.00	89,425.00	89,425.00	89,425.00	89,670.00	89,425.00	89,425.00	89,425.00
b.	Commercial	000 SCM	16,013.03	16,900.09	17,836.29	18,874.89	19,867.15	20,967.72	22,129.25	23,417.82	24,648.91	26,014.37	27,455.45
c	Industrial	000 SCM	449,259.61	489,692.97	533,765.34	583,346.96	634,166.60	691,241.60	753,453.34	823,441.83	895,177.94	975,743.86	1,063,561.08
d.	Transport (CNG)	000 SCM	101,246.96	107,546.46	116,078.90	125,147.13	131,866.75	138,673.23	144,280.20	149,213.50	153,015.73	156,704.19	159,571.14
e.	Total	000 SCM	655,944.6	703,564.5	757,105.5	817,039.0	875,325.5	940,307.5	1,009,287.8	1,085,743.2	1,162,267.6	1,247,887.4	1,340,012.7
2	No. of Domestic PNG Connections Added	Num	-	-	-	-	-	-	-	-	-	-	-
3	Steel Pipeline Network (Inch-KM)	Inch-Km	-	234.00	-	-	-	-	-	-	-	-	-
4	Tariffs for Regulated Activities												
a.	Network Tariff (Rs/ MMBTU)	Rs / mmbtu	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
b.	Compression Charges for CNG (Rs/ Kg)	Rs / kg	10.27	22.50	23.63	24.81	26.05	27.35	28.72	30.15	31.66	33.24	34.90
5	Total Cash Outflow (Rs. in lacs) towards regulated activities												
a.	Capex	INR Lacs	502.29	1,934.18	1,119.66	700.08	487.44	291.53	155.90	6.27	6.87	7.54	8.25
b.	Opex	INR Lacs	2,888.53	3,162.30	3,511.86	3,863.46	4,178.79	4,514.35	4,823.34	5,139.05	5,455.35	5,789.59	6,134.01
	Total Cash Outflow [5(a) + 5 (b)]	INR Lacs	3,390.8	5,096.5	4,631.5	4,563.5	4,666.2	4,805.9	4,979.2	5,145.3	5,462.2	5,797.1	6,142.3
6	Total Cash inflows from Regulated Activities (Rs. In Lacs)	INR Lacs											
a.	Network Tariff (Sl No. 1e x 4a/K1)/100	INR Lacs	2.21	2.37	2.55	2.76	2.95	3.17	3.40	3.66	3.92	4.21	4.52
b.	Compression Charges for CNG (Sl No. 1d x 4b/K2)/100	INR Lacs	7,481.37	17,408.60	19,729.24	22,334.04	24,709.90	27,284.60	29,807.18	32,367.68	34,852.10	37,476.82	40,070.59
	Total Cash inflow (6(a) + 6(b))	INR Lacs	7,483.6	17,411.0	19,731.8	22,336.8	24,712.8	27,287.8	29,810.6	32,371.3	34,856.0	37,481.0	40,075.1
7	Net Cash flows (Rs. In Lacs)	INR Lacs	4,092.8	12,314.5	15,100.3	17,773.2	20,046.6	22,481.9	24,831.3	27,226.0	29,393.8	31,683.9	33,932.9
8	Pre-Tax Project IRR (%) based on above net cash flows	%											

P. P. G Sarma, CEO
(Authorized Signatory)

Revised Annexure 15

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3. All figures mentioned above shall be upto a maximum of 2 decimal places.
4. Technical assumptions for bid evaluation are
   (a) 1 MMBTU = 29.65 SCM (Factor K_1)
   (b) 1 Kg = 1.39 SCM (Factor K_2)
   (c) GCV of NG = 8,500 Kcal/ SCM

Date: 17.02.2011
Place: GANDHINAGAR

Name and Signature of bidder or authorized signatory
Office Seal

GSPC GAS COMPANY LIMITED GSPC GAS GANDHINAGAR

For GSPC Gas Co. Ltd.

P. P. G Sarma, CEO
(Authorized Signatory)

223