

Attachment-1**PROJECT CAPITAL COST SUMMARY**

Sr. No.	Description	INR	FE	Total (*)
		Indian Rupees	Foreign Exchange	
A	Plant & Machinery			
1	City Gate Station (as per Attachment 1 a))			
2	City Gas Distribution (as per Attachment 1 c))			
	Subtotal (A)			
B	Engineering Costs			
1	Detailed Engineering, Procurement, Construction, Supervision & Project Management			
2	Service Tax on above			
	Subtotal (B)			
C	Owner's Cost, Start-up Expenses			
1	Start-up & Commissioning Expenses			
2	Owner's Management Expenses			
	Subtotal (C)			
D	Other Costs			
1	Contingencies/ Escalation			
2	Preliminary and Preoperative Expenses			
3	Interest During Construction Period/ Financing Charges			
4	Margin Money for working capital			
	Subtotal (D)			
	Total (A+B+C+D)			

(*) INR + FE Converted to INR

Note : Details of assumptions & calculations to be given for Item D

Attachment-1 a)

1. CAPITAL COST OF CITY GATE STATION

Sr. No.	Description	INR	FE	Total (*)	Technical Specifications
A	<u>Land</u>				
1	Land Cost				
	Subtotal				
B	<u>City Gate Station</u>				
1	Mechanical				
2	Instrumentation				
3	Electrical				
4	Fire Fighting System				
5	Any other item (details to be given)				
	Subtotal				
C	<u>Spares</u> (details to be given)				
	Subtotal				
D	<u>Erection</u>				
1	Mechanical				
2	Electrical				
3	Instrumentation				
4	Civil Work				
5	Land				
6	Any other item (details to be given)				
	Subtotal				
E	<u>Taxes & Duties</u>				
1	Ocean Freight				
2	Customs Duty				
3	Port Handling				
4	Inland Freight				
5	Excise & CST				
6	Works Contract Tax				
7	Insurance				
8	Any other applicable tax / duty (give details)				
	Subtotal				
	Total (A to E)				

(*) INR + FE Converted to INR

Note :

Cost of the facilities to be allocated / apportioned over various categories of customers (CNG & PNG - residential, commercial, industrial). Also indicate the basis.

Attachment-1 b)

3. CAPITAL COST OF CITY GAS DISTRIBUTION

Sr. No.	Description of facilities	INR	FE	Total (*)	Technical Specifications
A	<u>Equipment</u>				
1	Pipe MDPE				
2	Pipe HDPE				
3	Steel Pipes - Main Gridline PE Coated				
4	Cathodic Protection				
5	SCADA				
6	OFC, Telecom & Telesupervisory System				
7	Warning Grid Tape				
8	Odourising Unit				
9	MDPE Valves, Fittings, Transition Fittings				
10	DRS				
11	TCP / PCP				
12	Any other item (details to be given)				
	Subtotal				
B	<u>Erection</u>				
1	Mechanical				
2	Electrical				
3	Instrumentation				
4	Civil Work				
5	Land				
6	Any other item (details to be given)				
	Subtotal				
C	<u>Taxes & Duties</u>				
1	Ocean Freight				
2	Customs Duty				
3	Port Handling				
4	Inland Freight				
5	Excise & CST				
6	Works Contract Tax				
7	Insurance				
8	Any other cost (details to be given)				
	Subtotal				
	Total (A+B+C)				

(*) INR + FE Converted to INR

Note :

Cost of the facilities to be allocated / apportioned over various categories of customers (CNG & PNG - residential, commercial, industrial). Also indicate the basis.

Estimated Profit & Loss Account

							Rs.
Sr. No.	Description	Year 1	Year 2	Year 3	Year 4	-----	Year 25
1	Total Income						
a	-Revenue from Network Tariff						
b	-Other Income (Interest on interest-free security deposit from PNG domestic costumers)						
2	Total Expenses (*)						
a	Consumables & Chemicals						
b	Utilities- (Power, Fuel)						
c	Salaries						
d	Repair & Maintenance						
e	Gen Administrative Expenses						
f	Other Expenses (excludind bad-debts) (to be detailed)						
g	Insurance						
3	Profit before Depreciation Interest and Tax (PBDIT) (1 - 2)						
4	Interest on Working Capital Borrowings to the extent utilised in working capital requirement for above expenses (with rates)						
5	Interest on Term Loans to the extent utilized in funding of non-CNG station facilities (with rates)						
6	Profit before Depreciation and Tax (PBDT) (3 - 4 - 5)						
7	Depreciation & Misc Expenses written off (give details of each)						
8	Profit Before Tax (PBT) (6- 7)						
9	Tax Provision (provide as per IT Rules in force)						
10	Profit after Tax (PAT) (8 - 9)						
	Cash From Operation (CFO) (10+7) -To be transferred to cash flow sheet						

Note

(*) Excluding all direct, indirect & allocated common cost associated with compression of natural gas in CNG station, transportation cost for cacade mounted CNG systems and commission to dealers/ distributors.

- a) For Expansion/ extension - Same data as applicable for project post expansion/ extension
- b) Existing pipelines - Data in enclosed format as applicable to be given. Data to be given for 25 yrs or economic life, as applicable.
- c) Copy of Audited Profit & Loss Account to be attached, wherever applicable

CASH FLOW STATEMENT

YEAR	Construction period	Year 1	Year 2	Year 3	Year 4	Rs.	
						-----	Year 25
Sources of Funds							
Equity / Preference Equity (*)							
Term Loans / short term loans							
Cash From Operations							
Bank Borrowings for Working Capital							
Others (Please Specify)							
Uses of Funds							
Capital Expenditure							
Normal / additional Capital Expenditure							
Increase/ (Decrease) in Net Working Capital							
Repayment of Loans							
Dividends to Equityholders							
Tax on Distributable Profits							
Others (Please Specify)							
Cash Surplus/ (Deficit)							
Opening Cash Balance							
Closing Cash Balance							

Attachment-1 e)

Estimated BALANCE-SHEET

YEAR	Construction period	Rs.					
		Year 1	Year 2	Year 3	Year 4	-----	Year 25
ASSETS							
Gross Fixed Assets							
Less : Accumulated Depreciation (*)							
Net Fixed Assets							
Net Current Assets							
Cash & Bank							
Investments							
Misc Fixed assets							
Deferred Revenue Exp.							
Others (Please specify)							
LIABILITIES							
Net Worth							
Equity Capital							
Preference Share Capital (**)							
Reserves							
Debt							
Rupee Term Loans							
FC Term Loans							
Bank Borrowings for Working Capital							
Others (Please specify)							

(*) Asset head-wise depreciation calculations to be provided.

(**) To the extent non-redeemable. Redeemable Preference Capital to be shown under Debt.

Note

a) Copy of Audited Balance Sheet to be attached, wherever applicable

Project IRR Calculations

YEAR	Construction period	Year 1	Year 2	Year 3	Year 4	-----	Year 25
a) Capital Cost Outflow (incl. Margin Money)							
b) Cash From Operations for project IRR							
Net Inflows/ (Outflows)							
Cumulative Inflows/ (outflows)							

Project IRR (Point-to-Point IRR, i.e., by cumulating Net inflows/ (outflows) for each year)

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ASSUMPTIONS

1. Inflation factor used for projections
2. Exchange Rate used for Capital costs
3. Format of Annual Operating Cost

Sr. No.	Description of cost elements	Rs.
A.	Variable Cost	
1	Consumables	
	a) Fuel	
2	Utilities	
	a) Power (*)	
	b) Water	
	Any other Expenses (to be specified)	
	Sub Total	
B	Fixed / Semi Variable Cost	
1	Salary and Wages	
2	General Administration	
3	Repairs and Maintenance	
4	Any other expenses (to be specified) (£)	
	Sub Total	
C	Insurance (%)	
	Total (A+B+C)	

(*) Break-up of purchased power (over fixed charge & variable charge) & own generation to be provided

(\$) Break-up over routine & turnaround as well as function-wise over electrical, civil, mechanical, etc. to be provided.

(£) Basis of direct & indirect administrative expenses (alongwith basis of allocation to be provided).

(%) Break-up of premium on loss of profit policy, facilities & Line-fill quantity to be provided.

Note

- a For each items of Operating Cost, detailed assumptions and calculations to be attached.
 - b Give basis of allocation / apportionment of cost over various categories of customers (CNG & PNG - residential, commercial, industrial) over each of the cost element.
- 4 **Project implementation schedule to be given along with break up of expenditure for each year**
 - 5 **Loan schedule to be provided for each type of loan, interest rates, repayments etc.**
 - 6 **Depreciation schedule as per Companies Act and Income Tax Act should be provided**
 - 7 **Pipeline length section-wise**
 - 8 **Pipeline Design Capacity alongwith basis**
 - 9 **Capacity Utilisation alongwith basis**
 - 10 **Implementation Period of Project**
 - 11 **Project Life**
 - 12 **Income Tax Rates**

13 Details of Volumes of Gas

(MSCM and/ or KG)

	Year 1	Year 2	Year 3	Year 4	-----	Year 25
CNG						
PNG - Residential						
PNG - Commercial						
PNG - Industrial						
Total						

B) Growth rates for various segments of customers.

C) Detailed note for base year volumes & growth rates assumed.

14 Pipeline Tariff details as given below should be furnished

(Rs. / MSCM)

	Year 1	Year 2	Year 3	Year 4	-----	Year 25
PNG supply to CNG stations (before compression)						
PNG - Residential						
PNG - Commercial						
PNG - Industrial						
Overall Unit Tariff						