

PROJECT REPORT

Of

PANI PURI MACHINE

PURPOSE OF THE DOCUMENT

This particular pre-feasibility is regarding **Pani Puri Unit**.

The objective of the pre-feasibility report is primarily to facilitate potential entrepreneurs in project identification for investment and in order to serve his objective; the document covers various aspects of the project concept development, start-up, marketing, finance and management.

[We can modify the project capacity and project cost as per your requirement. We can also prepare project report on any subject as per your requirement.]



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PANI PURI MACHINE

Introduction

Pani puri is a type of snack from UP/Bihar region of the Indian subcontinent.

It consists of a round, hollow puri, deep-fried crisp crepe and filled with a mixture of flavoured water (known as imli pani), tamarind chutney, chili, chaat masala, potato, onion or chickpeas.

Modern chefs, eager to take their culinary expertise to the next level, have come up with interesting variations to the gol gappa like the cucumber panipuri, in which cucumber juice is used to fill up the puris.

Ingredients

important ingredients of Pani Puri include – Flour/Rava, Water.

Description of Pani Puri Making Machine

Machinery for Pani Puri includes the following:

- Dough Mixer
- Main Pani puri Machine

Automatic Raw Pani Puri Making Machine are known for their efficiency and cost effective rates. Fully Automatic Pani Puri Making Machine are available have sturdy and compact design.

This machine is able to produce 3,500 to 4,000 pani puri per hour depends on the diameter of pani puri.

Pani Puri making machine is mainly used to produce raw Pani Puri from the dough prepared in the dough mixer. With the help of this machine the work of Rolling, heating completes in a very short span.

Pani Puri Market Analysis

Pani puri – known as “Taste of India”. Pani Puri, a traditional staple fast food of Indians, made from whole wheat flour. With rapidly changing lifestyles, changing socio-economic trends and increasing urbanization and consumerism there is a rising demand for convenience fast foods which require minimum or no preparation time particularly the ready-to-eat, because of all these reasons machines for pani puri has been evolved, which make it easy to prepare chapatti.

In India Around 30% of population eat Pani Puri on daily basis. Manufacturers are introducing different types of machinery in different sizes and ranges, targeting consumers from low-income groups, so that Pani Puri can be prepare easily.

Pani Puri Making Machine Manufacturing Process

- Firstly, pour the Flour/Rava and water in proportionate ratio into the dough mixer.
- After that start the mixer so that dough can be prepare properly.
- Then put the dough into the Pani Puri machine for rolling & cutting of Pani Puri.
- After that small Pani puri is prepared.

Machinery & Equipment's required:

Name	Cost
Dough Mixer	30000
Chapati Machine	55000
Total	85,000

- ❖ Cost of the machine is exclusive of GST & value of the machine varies with the change in batch size.

Land & Building required:

Land required 500 Square Feet (approx.)

Approximate rent for the same is 10000.

Labour Requirement:

2-3 Manpower is required for the chapatti machine.

Includes:

1 skilled Labour

1-2 Unskilled Labour

Raw Material Requirement of Pani Puri

❖ Flour

❖ Water

❖ Salt (if required)

Average raw material cost per KG: Rs. 25-30

Pani Puri Unit License & registration

For Proprietor:

- Obtain the GST registration.
- FSSAI License.
- Fire/ Pollution Registration as required.
- Choice of a Brand Name of the product and secure the name with Trademark if required.

Implementation Schedule

S.N.	Activity	Time Required (in Months)
1	Acquisition Of premises	1
2	Construction (if Applicable)	1- 2 Months
3	Procurement & installation of Plant & Machinery	1

4	Arrangement of Finance	1
5	Requirement of required Manpower	1
	Total time Required (some activities shall run concurrently)	2-3 Months

Conclusion:

After completion of manufacturing process, product is ready to sell in the market. This machine can be installed with low investment & one can earn a good Margin of profit by doing this business.

PROJECT AT A GLANCE

- 1** Name of the Entrepreneur **XX**
Constitution (legal Status)
- 2** : : XX
- 3** Father's/Spouce's Name **XX**
- 4** Unit Address :
Taluk/Block: **XX**
District : **XX**
Pin:
E-Mail : **XX**
Mobile **XX**
- 5** Product and By Product : Pani Puri
Name of the project / business activity
- 6** proposed :
- 7** Cost of Project : **Rs.** 1.20
- 8 Means of Finance**
- Term Loan **Rs.** 1.08 Lacs
25% of 1.20 Lacs
- KVIC Margin Money **Rs.** (0.30 Lacs)
- Own Capital **Rs.** 0.23 Lacs
- 9** Debt Service Coverage Ratio :
- 10** Pay Back Period : 4 years
- 11** Project Implementation Period : 6 months
- 12** Employment :
- 13** Power Requirement : 2 KW
Connection
Flour/Rava,
water
- 14** Major Raw materials :
Estimated Annual Sales Turnover 7.92 Lacs (at 50%
capacity)
- 15** Detailed Cost of Project & Means of
- 16** Finance

COST OF PROJECT

(Rs. In Lacs)

Particulars	Amount
Land Building & Civil Work	-
Plant & Machinery	1.00

MEANS OF FINANCE

Furniture & Fixtures	0.20
Pre-operative Expenses	
Contingencies	
Working Capital Requirement	1.11
Total	2.31

Particulars	Amount
Own Contribution	0.23
Bank Finance	1.08
working capital from bank	1.00
Total	2.31
KVIC Margin	(25% of 1.20)
Monery	Rs. 30,000

FINANCIAL ASSISTANCE REQUIRED

Term Loan of Rs. 3.95 Lacs and Working Capital limit of Rs. 1.00 Lacs

COST OF PROJECT

PARTICULARS	AMOUNT	AMOUNT	AMOUNT
		10.00%	90.00%
Building Civil Work			
Plant & Machinery	1.00	0.10	0.90
Furniture & Fixtures and Other Assets	0.20	0.02	0.18
Working capital	1.11	0.11	1.00
Total	2.31	0.33	2.08

MEANS OF FINANCE

PARTICULARS	AMOUNT
Own Contribution	0.23
Bank Loan	1.08
Working capital Limit	1.00
Total	2.31

COMPUTATION OF PRODUCTION OF PANI PURI

Items to be Manufactured	
Pani Puri	
Machine Capacity	4000Pani Puri Per hour
machine capacity per day	32000 Pani Puri
machine capacity per annum	7680000 Pani Puri
1 KG of Dough Consists	200.00 Pani Puri
Total Raw Material	38,400 KG

Production of Pani Puri		
Production	Capacity	KG
1st year	50%	19,200
2nd year	55%	21,120
3rd year	60%	23,040
4th year	65%	24,960
5th year	70%	26,880

Raw Material Cost			
Year	Capacity Utilisation	KG	Value (Rs. in lacs)
1st year	50%	25.00	4.80
2nd year	55%	25.50	5.39
3rd year	60%	26.00	5.99
4th year	65%	26.50	6.61
5th year	70%	27.00	7.26

COMPUTATION OF SALE

Particulars	1st year	2nd year	3rd year	4th year	5th year
Op Stock	-	1,600	1,760	1,920	2,080
Production	19,200	21,120	23,040	24,960	26,880
Less : Closing Stock	1,600	1,760	1,920	2,080	2,240
Net Sale	17,600	20,960	22,880	24,800	26,720
sale price per KG	45.00	46.00	47.00	48.00	49.00
Sales (in Lacs)	7.92	9.64	10.75	11.90	13.09

BREAK UP OF LABOUR CHARGES

Particulars	Wages	No of	Total
	Per Month	Employees	Salary
Skilled	14000	1	14000
Unskilled	12000	2	24000
Total Salary Per Month			38000
Total Annual Labour Charges	(in Lacs)		4.56

Utility Charges at 100% capacity (per month)

Particulars	value	Description
Power connection required	2	KWH
consumption per day	16	units
Consumption per month	320	units
Rate per Unit	7	Rs.
power Bill per month	2240	Rs.

PROJECTED PROFITABILITY STATEMENT					
	-	-	-		
PARTICULARS	1st year	2nd year	3rd year	4th year	5th year
Capacity Utilisation %	50%	55%	60%	65%	70%
<u>SALES</u>					
Gross Sale					
Pani Puri	7.92	9.64	10.75	11.90	13.09
Total	7.92	9.64	10.75	11.90	13.09
<u>COST OF SALES</u>					
Raw Mateiral Consumed	4.80	5.39	5.99	6.61	7.26
Elecricity Expenses	0.27	0.31	0.36	0.41	0.47
Depriciation	0.17	0.15	0.12	0.11	0.09
Consumables	0.32	0.39	0.43	0.48	0.52
Repair & maintenace	0.16	0.39	0.43	0.48	0.52
other direct expenses	0.08	0.10	0.11	0.12	0.13
Cost of Production	5.79	6.71	7.44	8.20	9.00
Add: Opening Stock /WIP	-	0.48	0.56	0.62	0.68
Less: Closing Stock /WIP	0.48	0.56	0.62	0.68	0.75
Cost of Sales	5.31	6.63	7.38	8.14	8.93
GROSS PROFIT	2.61	3.01	3.38	3.77	4.16
Interest on Term Loan	0.11	0.09	0.07	0.04	-
Interest on working Capital	0.11	0.11	0.11	0.11	0.11
Rent	1.20	1.32	1.45	1.60	1.84

Selling & adm Exp	0.16	0.19	0.22	0.24	0.26
TOTAL	1.57	1.72	1.84	1.99	2.21
NET PROFIT	1.03	1.29	1.53	1.78	1.95
Taxation					
PROFIT (After Tax)	1.03	1.29	1.53	1.78	1.95

PROJECTED BALANCE SHEET

PARTICULARS	1st year	2nd year	3rd year	4th year	5th year
<u>Liabilities</u>					
Capital					
opening balance		1.27	2.06	2.59	3.12
<i>Add:- Own Capital</i>	0.23				
Add:- Retained Profit	1.03	1.29	1.53	1.78	1.95
Less:- Drawings	-	0.50	1.00	1.25	1.50
Closing Blance	1.27	2.06	2.59	3.12	3.57
Subsidy Reserve	0.30	0.30	0.30	-	-
Term Loan	0.96	0.72	0.48	0.00	-
Working Capital Limit	1.00	1.00	1.00	1.00	1.00
Sundry Creditors	0.20	0.22	0.25	0.41	0.42
Provisions & Other Liab	0.30	0.40	0.55	0.66	0.83
TOTAL :	4.03	4.71	5.17	5.20	5.82
<u>Assets</u>					
Fixed Assets (Gross)	1.20	1.20	1.20	1.20	1.20
Gross Dep.	0.17	0.32	0.44	0.55	0.64
Net Fixed Assets	1.03	0.89	0.76	0.65	0.56
FD of Subsidy	0.30	0.30	0.30		
Current Assets					
Sundry Debtors	0.33	0.40	0.54	0.74	0.82
Stock in Hand	1.28	1.46	1.87	2.34	2.56
Cash and Bank	1.08	1.66	1.70	1.46	1.88
TOTAL :	4.03	4.71	5.17	5.20	5.82

PROJECTED CASH FLOW STATEMENT

PARTICULARS	1st year	2nd year	3rd year	4th year	5th year
<u>SOURCES OF FUND</u>					
Own Margin	0.23				
Net Profit	1.03	1.29	1.53	1.78	1.95
Depreciation & Exp. W/off	0.17	0.15	0.12	0.11	0.09
Increase in Cash Credit	1.00	-	-	-	-
Increase In Term Loan	1.08	-	-	-	-
Increase in Creditors	0.20	0.02	0.03	0.16	0.01
Increase in Provisions & Oth lib	0.30	0.10	0.15	0.11	0.17
increase in subsidy	0.30				
TOTAL :	4.32	1.56	1.83	2.16	2.22
<u>APPLICATION OF FUND</u>					
Increase in Fixed Assets	1.20				
Increase in Stock	1.28	0.17	0.41	0.47	0.23
Increase in Debtors	0.33	0.07	0.14	0.21	0.07
Repayment of Term Loan	0.12	0.24	0.24	0.48	-
Increase in FD	0.30	-	-		
Drawings	-	0.50	1.00	1.25	1.50
Taxation	-	-	-	-	-
TOTAL :	3.24	0.99	1.79	2.41	1.80
Opening Cash & Bank Balance	-	1.08	1.66	1.70	1.46
Add : Surplus	1.08	0.58	0.04 -	0.24	0.42
Closing Cash & Bank Balance	1.08	1.66	1.70	1.46	1.88

COMPUTATION OF CLOSING STOCK & WORKING CAPITAL

PARTICULARS	1st year	2nd year	3rd year	4th year	5th year
<u>Finished Goods</u>					
	0.48	0.56	0.62	0.68	0.75
<u>Raw Material</u>					
	0.80	0.90	1.25	1.65	1.81
Closing Stock	1.28	1.46	1.87	2.34	2.56

COMPUTATION OF WORKING CAPITAL REQUIREMENT

TRADITIONAL METHOD					
Particulars	Amount	Own Margin		Bank Finance	
Finished Goods & Raw Material	1.28				
Less : Creditors	0.20				
Paid stock	1.08	10%	0.11	90%	0.97
Sundry Debtors	0.33	10%	0.03	90%	0.30
	1.41		0.14		1.27
WORKING CAPITAL LIMIT DEMAND (from Bank)					
				1.00	

2nd Method		
PARTICULARS	1st year	2nd year
Total Current Assets	2.70	3.52
Other Current Liabilities	0.50	0.62
Working Capital Gap	2.20	2.89
Min Working Capital		
25% of WCG	0.55	0.72
Actual NWC	1.20	1.89
item III - IV	1.65	2.17
item III - V	1.00	1.00
MPBF (Lower of VI & VII)	1.00	1.00

3rd Method		
PARTICULARS	1st year	2nd year
Total Current Assets	2.70	3.52
Other Current Liabilities	0.50	0.62
Working Capital Gap	2.20	2.89
Min Working Capital		
25% of Current Assets	0.67	0.88
Actual NWC	1.20	1.89
item III - IV	1.52	2.01
item III - V	1.00	1.00
MPBF (Lower of VI & VII)	1.00	1.00

COMPUTATION OF DEPRECIATION

Description	Plant & Machinery	Furniture	TOTAL
Rate of Depreciation	15.00%	10.00%	
Opening Balance	-	-	-
Addition	1.00	0.20	1.20
Total	1.00	0.20	1.20
Less : Depreciation	0.15	0.02	0.17
WDV at end of Year	0.85	0.18	1.03
Additions During The Year	-	-	-
Total	0.85	0.18	1.03
Less : Depreciation	0.13	0.02	0.15
WDV at end of Year	0.72	0.16	0.89
Additions During The Year	-	-	-
Total	0.72	0.16	0.89
Less : Depreciation	0.11	0.02	0.12
WDV at end of Year	0.62	0.15	0.76
Additions During The Year	-	-	-
Total	0.62	0.15	0.76
Less : Depreciation	0.09	0.01	0.11
WDV at end of Year	0.52	0.13	0.65
Additions During The Year	-	-	-
Total	0.52	0.13	0.65
Less : Depreciation	0.08	0.01	0.09
WDV at end of Year	0.45	0.12	0.56
s	-	-	-
Total	0.45	0.12	0.56

Less : Depreciation	0.07	0.01	0.08
WDV at end of Year	0.38	0.11	0.48
Less : Depreciation	0.06	0.01	0.07
WDV at end of Year	0.32	0.10	0.42
Less : Depreciation	0.05	0.01	0.06
WDV at end of Year	0.27	0.09	0.36

REPAYMENT SCHEDULE OF TERM LOAN

Interest 11.00%

Year	Particulars	Amount	Addition	Total	Interest	Repayment	Closing Balance
1st	Opening Balance						
	1st month	-	1.08	1.08	-	-	1.08
	2nd month	1.08	-	1.08	0.01	-	1.08
	3rd month	1.08	-	1.08	0.01	-	1.08
	4th month	1.08	-	1.08	0.01		1.08
	5th month	1.08	-	1.08	0.01		1.08
	6th month	1.08	-	1.08	0.01		1.08
	7th month	1.08	-	1.08	0.01	0.020	1.06
	8th month	1.06	-	1.06	0.01	0.020	1.04
	9th month	1.04	-	1.04	0.01	0.020	1.02
	10th month	1.02	-	1.02	0.01	0.020	1.00
	11th month	1.00	-	1.00	0.01	0.020	0.98
	12th month	0.98	-	0.98	0.01	0.020	0.96
					0.11	0.120	
2nd	Opening Balance						
	1st month	0.96	-	0.96	0.01	0.020	0.94
	2nd month	0.94	-	0.94	0.01	0.020	0.92
	3rd month	0.92	-	0.92	0.01	0.020	0.90
	4th month	0.90	-	0.90	0.01	0.020	0.88
	5th month	0.88	-	0.88	0.01	0.020	0.86
	6th month	0.86	-	0.86	0.01	0.020	0.84
	7th month	0.84	-	0.84	0.01	0.020	0.82
	8th month	0.82	-	0.82	0.01	0.020	0.80
	9th month	0.80	-	0.80	0.01	0.020	0.78
	10th month	0.78	-	0.78	0.01	0.020	0.76
	11th month	0.76	-	0.76	0.01	0.020	0.74
	12th month	0.74	-	0.74	0.01	0.020	0.72
					0.09	0.240	
3rd	Opening Balance						
	1st month	0.72	-	0.72	0.01	0.020	0.70
	2nd month	0.70	-	0.70	0.01	0.020	0.68
	3rd month	0.68	-	0.68	0.01	0.020	0.66
	4th month	0.66	-	0.66	0.01	0.020	0.64
	5th month	0.64	-	0.64	0.01	0.020	0.62
	6th month	0.62	-	0.62	0.01	0.020	0.60
	7th month	0.60	-	0.60	0.01	0.020	0.58
	8th month	0.58	-	0.58	0.01	0.020	0.56
	9th month	0.56	-	0.56	0.01	0.020	0.54
	10th month	0.54	-	0.54	0.00	0.020	0.52
	11th month	0.52	-	0.52	0.00	0.020	0.50
	12th month	0.50	-	0.50	0.00	0.020	0.48
					0.07	0.240	
4th	Opening Balance						
	1st month	0.48	-	0.48	0.00	0.020	0.46

2nd month	0.46	-	0.46	0.00	0.020	0.44
3rd month	0.44	-	0.44	0.00	0.020	0.42
4th month	0.42	-	0.42	0.00	0.020	0.40
5th month	0.40	-	0.40	0.00	0.020	0.38
6th month	0.38	-	0.38	0.00	0.020	0.36
7th month	0.36	-	0.36	0.00	0.020	0.34
8th month	0.34	-	0.34	0.00	0.020	0.32
9th month	0.32	-	0.32	0.00	0.020	0.30
10th month	0.30	-	0.30	0.00	0.020	0.28
11th month	0.28	-	0.28	0.00	0.020	0.26
12th month(Subsidy adjusted)	0.26	-	0.26	0.00	0.260	0.00
				0.04	0.480	

DOOR TO DOOR	48	MONTHS
MORATORIUM PERIOD	6	MONTHS
REPAYMENT PERIOD	42	MONTHS

Supplier Details:

S L Machinery	Address: Plot No. 930, Tyre Wall Gali, Mundka, Delhi.
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