

BHUJIA



INTRODUCTION:

Bhujia are the important names enhancing the flavour & taste as processed foods. These are food products having no historical background & becomes in market and in social & cultural synonym as the society became more advanced. Initially in long-long ago, people did not hear the name of Dal moth, chur or Bhujia like food products. But now days it is well known not in India but worldwide. These are mainly consumed during breakfast period & are very much during social & cultural periods. These are used as tasty & flavored food as well as in medicinal way, however, a little it may be, according to ayurveda) because of their carminative simulative digestive properties. India produces almost all these types of salty processed food products of grains all these types of salty processed food products of grains like Grams, Pulses etc. It aid in digestion and adsorption of food possesses antiseptic properties.

OBJECTIVE:

The primary objective of the model report is to facilitate the entrepreneurs in understanding the importance of setting up unit of Bhujia. This model report will serve as guidance to the entrepreneurs on starting up such a new project and basic technical knowledge for setting up such a facility.

RAW MATERIAL AVAILABILITY:

The main raw materials for these products are pulses & spices. The various food additives & colours may be used to provide sophistications in the products. The basic raw materials for the manufacture of Bhujia are Pulse flour, Vegetable Oil, spices etc.

All raw materials are easily available in across India. This is all flavoured with salt and a blend of spices that may include coriander and mustard seed.

SUITABLE LOCATION:

Bhujia can be manufactured at any location. The proposed unit is located in outskirts of the city.

MARKET OPPORTUNITIES:

All over the India it has heavy demand. Its market is rising day by day although different snacks are in the market. In Indian sub continental it is very popular so it's heavy demand encourage Bhujia production.

MANUFACTURING PROCESS:

These salty food products get a broad market in foreign countries. These products are very much popular not only in India but also overseas countries. Hence, there are a lot of scope and market of these products & therefore, it will provide a very much profitable business. It is prepared by various raw materials like gram meal, Vegetable Oil, spices, salt, condiments added flavour etc.

Process steps

- Cleaning the Raw Materials.
- Mixing of Pulse flours with common salt etc.
- Preparation of papri from Pulse flour mix.
- Frying of dal.
- Mixing of fried dal, and papri and addition of spices and condiments.
- Packaging of product in plastic pouch using a form-fill-seal machine.

CAPACITY OF THE PROJECT:

The total capacity of the unit 75.60 MT per year.

PRODUCTION TARGETS (PER ANNUM):

- Quantity: 52.92 MT per year or 4.41 MT per month.
- Considered 300 working days with 70% production to the Capacity of the project.

PROJECT COMPONENT AND COST:

Major components of the projects and their costs are described in the table hereunder:

Financial Aspects:-**APPLICATION OF FUNDS**

Particular	Amount
Land	200 sq. meter
Building	covered area on rent
Plant & Machinery	243,650.00
Office Equipment & Furniture	50,000.00
Working Capital	968,327.28
Pre-Operative Expenses	268,650.00
Total	1,530,627.28

SOURCE OF FUND

Particulars	Year' 1
Own Capital	826,754.32
Loan from Banks	220,237.50
Loan for Working Capital	483,635.46
Total	1,530,627.28

FIXED ASSETS

(1) Land And Building:		Value (Rs.)		
Land and Build-up area (200 sq. meter covered area on Rent)		96,000 per annum		
(2) Machinery And Equipment:				
S. N.	Description (Name of machine with specification)	Qty.	Rate	Value (Rs.)
Production Unit				
i	Bhujia Making Machine	1	15,000.00	15,000.00
ii	Gas Stove (LPG Commercial)	2	10,000.00	20,000.00
iii	Iron Pan (Big Size)	3	8,000.00	24,000.00
iv	Iron Pan (Small Size)	2	5,000.00	10,000.00
v	Sieve	5	500.00	2,500.00
vi	Storage Drums	5	1,000.00	5,000.00
vii	Sealing Machine	1	70,000.00	70,000.00
viii	Mixing machine	1	30,000.00	30,000.00
ix	Platform Balance	1	15,000.00	15,000.00
x	Miscellaneous Items	0	-	30,000.00
Total Cost of Machinery & Equipments				221,500.00
Electrification & Installation Charges @ 10%				22,150.00

Total Cost of Production Unit		243,650.00
Furniture & Fixtures		50,000.00
3	Pre-Operative Expenses:	- 25,000.00
Total Fixed Capital (2+3)		268,650.00

RAW MATERIAL REQUIREMENT & STOCK

RAW MATERIAL (PER MONTH):			
Description with specification	Qty. (Kg.)	Rate (Rs./Kg.)	Value (Rs.)
Pulse Flour	4,400.00	70.00	308,000.00
Vegetable Oil	2,000.00	90.00	135,000.00
Spices and condiments	-	-	5,000.00
Packing Material	-	-	20,000.00
Total			468,000.00
ANNUAL CONSUMPTION			
Pulse Flour	Rs	3,696,000.00	
Vegetable Oil	Rs	1,620,000.00	
Spices and condiments	Rs	60,000.00	
Packing Material	Rs	240,000.00	
Total	Rs	5,616,000.00	
Stock of Raw Material	30 days	461,589.04	
Stock of WIP	02 day	20,252.05	
Purchase Cost of Raw Material	Rs	6,097,841.10	

WORKING CAPITAL REQUIREMENT

Particulars	Days	Year' 1
Raw Material	30	461,589.04
Work in Process	2	20,252.05
Finished Goods	10	177,239.61
Receivables	30	617,400.00
Advance/Security		200,000.00
Total		1,476,480.70
Less: Creditors	30	508,153.42
Net Current Assets		968,327.28
Paid Stock		150,927.28
75% of Paid Stock		113,195.46
60% of Book Debts		370,440.00
Bank Limits		483,635.46
Margin for Working Capital		484,691.82

**SELLING & ADMINISTRATION
EXPENSES**

Particular	Year I
i Postage	18,000.00
ii Commission on sales	60,000.00
iii Office Expenses	29,000.00
iv Tour & Travel	18,000.00
v Printing & Stationary	20,000.00
vi Advertisement	60,000.00
vii Telephone	20,000.00
viii Repair & Maintenance	22,000.00
ix Conveyance	27,000.00
x Sales expenses	36,000.00
xi Insurance	20,000.00
xii Misc. Expenses	30,000.00
Total	360000.00

STAFF AND LABOUR EXPENSES

S. No.	Description	No.	Salary PM	Total Salaries-Year I
(a) Administrative & Supervisory				
i	Production Incharge cum accountant	1	15,000.00	180,000.00
Total Salaries				180,000.00
(b) Skilled & Unskilled-Wages				
i	Skilled Worker	1	10,000.00	120,000.00
ii	Semi Skilled Worker	1	8,000.00	96,000.00
iii	Helper	2	5,000.00	120,000.00
Total				336,000.00
Grand Total				516,000.00

**MANUFACTURING AND PROFIT & LOSS
ACCOUNT**

Particulars	Year' 1
Sales Value: 52.92 MT production @ Rs 140 per Kg	7,408,800.00
Cost of Production:	
Raw Material Consumed:	
Opening Stock	-
Add: Purchases	6,097,841.10
	6,097,841.10
Less: Closing Stock	461,589.04
Raw Material Consumption	5,636,252.05
Add: Op Stock of WIP	-
	5,636,252.05
Less: Cl Stock of WIP	20,252.05
	5,616,000.00
Power & Fuel	200,000.00
Manufacturing Wages	336,000.00
Bonus & Incentives	16,800.00
Consumable Stores	6,000.00
Rent	96,000.00
Raw material storage & ins. Cost	4,800.00
Carriage inward	60,978.41
Depreciation	44,047.50
Total Cost of Production	6,380,625.91
Add: Op. Stock of Finish Goods	-
	6,380,625.91
Less: Cls. Stock of F.Goods	177,239.61
Cost of Sales	6,203,386.30
Gross Profit	1,205,413.70
	0.16
Selling & Admin Cost:	
Expenses	360,000.00
Salary	180,000.00
Financial Expenses	
Interest on Term Loan	30,007.36
Interest on W.Capital	60,454.43
Pre. Expenses	53,730.00
Profit Before Taxation	521,221.91
Taxation	156,366.57
Net Profit After Taxation	364,855.33
Cash withdrawal	145,942.13
Transfer to Reserves	218,913.20
Cumulative Reserves	218,913.20
% of PBT on Sales	7.04

BALANCE SHEET

Particulars	Year' 1
Liabilities:	
Capital	826754.32
Reserve & Surplus	218913.20
Secured Loan:	
Term Loan	176190.00
Unsecured loan:	
Current Liabilities:	
Bank Borrowings	483635.46
Sundry Creditors	508153.42
	2213646.40
Assets:	
Fixed Assets:	
Gross Block:	293650.00
Less: Depreciation	44047.50
	249602.50
Current Assets:	
Inventories	659080.70
Receivables	617400.00
Advance/Security	200000.00
Cash & Bank	272643.20
Balance	
Preliminary Expenses	214920.00
	2213646.40
Difference	0.00

RATIO ANALYSIS

Particulars	Year' 1
Net Profit ratio NP*100/Total sales	4.92
Rate of Return NP*100/Total Investment	23.84

BREAK EVEN ANALYSIS

Fixed Cost	
Rent	96000.00
Interest on Borrowing	30007.35
40% of Salaries	72000.00
40% of Utilities	80000.00
25% of Admin Exp	90000.00
Depreciation	44047.50
Total	412,054.86
Break Even Point	$\frac{\text{Fixed Cost} * 100}{\text{Fixed Cost} + \text{Profit}}$
	53.04

ADDRESS OF MACHINERY & EQUIPMENT SUPPLIERS:

- M/s Bajaj Processpack Maschinen Pvt. Ltd., 7/27, Jai Lakshmi Industrial Estate, Sahibabad Industrial Area, Sahibabad, Dist. Ghaziabad (U.P.) - 201301.
- M/s Jayems Engineering Works, Strand Road, Kolkata – 700 001.
- M/s Sarkar machinery, P. K. Guha Road, Near Kumarpara Party Office, Kolkata, West Bengal, 700028.
- M/s SP Engg Corp., Fazalgunj, Kanpu
- M/s T. Alimohammad & Co., 144/46, Sarang Street, Near Phule Market, Mumbai 400 003
- M/s Master Mechanical Works Pvt.