

PLASTIC BLOW MOULDED CONTAINERS

I. INTRODUCTION:

The scheme is for setting up a small-scale unit to manufacture plastic blow moulded containers of sizes from 150 ml to 250 ml capacity. Plastic containers are replacing conventional metal containers and glass containers because of their comparatively better properties and ease of handling and transportation. Small size plastic containers are used for packing of drugs, pharmaceuticals, insecticides, food items etc. The plastic blow moulded containers are made from HDPE, LDPE, PP etc. These raw materials are available in the market through authorised dealers of the manufacturing companies.

II. MARKET POTENTIAL

There is very good demand for plastic containers of various sizes and shapes.

III. BASIS AND PRESUMPTIONS:

Working hours per day 8 hours

Working days in a year 300 days

The cost of utilities is assumed at old tariff.

IV. IMPLEMENTATION SCHEDULE:

The project can be set up within 30 days

V. TECHNICAL ASPECTS:

1.Process of Manufacturing:

The materials are pre heated to a specified temperature and blown into different designs of moulded items under pressure

2.Quality Specification

As per customer's specification

3.Production Capacity per annum

Quantity: 360000 no.

Value: Rs.900000

4.Motive Power

2 phase

VI. TOTAL CAPITAL INVESTMENTS

S.No	Description	Value Rs.
1	Fixed Capital	122000
2	Working capital for 2 months	127400
	Total cost	149400

VII. MEANS OF FINANCE

1. Promoter's Contribution (5% of total cost)	7470
2. PMRY subsidy (15% of total cost or Rs.7500, whichever is less)	7500
3. Bank loan [total cost - (Promoter's Contribution + PMRY subsidy)]	134430

VIII. FINANCIAL ASPECTS

1. FIXED CAPITAL

i) **Land & Buildings** : 1000 sft. covered area at a rent of Rs.1000 pm.

ii Machinery & Equipment

S.No	Description	Quantity	Value Rs.
1	Hand operated station injection blow moulding machine-120gms-1.25 ltrs.	1	35000
2	Hand operated station injection moulding machine-180gms-250 ltrs..	1	47000
3	Compressor 1 HP capacity	1	10000
4	Moulds & Dies		25000
5	Electrification and erection		5000
	Total		122000

2.WORKING CAPITAL

i)Staff & Labour per month

S.No	Designation	No	@ Rs.	Value Rs.
1	Operator	1	3000	3000
2	Unskilled worker	1	1500	1500
	Total			4500

ii)Raw Material (p.m.)

S.No	Description	Quantity	Value Rs.
1	HDPE	1000 kgs	55000
	Total		55000

iii. Utilities per month

S.No.	Description	Value Rs.
1	Power	1000
2	Water	200
	Total	1200

iv.Other expenses per month

S.No	Description	Value Rs.
1	Consumables	500
2	Conveyance , telephone, misc.	1500
	Total	2000

v.Total working capital per month

S.No	Description	Value Rs.,
1	Rent	1000
2	Staff and labour	4500
3	Raw materials	55000
4	Utilities	1200
5	Other expenses.	2000
	Total	63700

IX. COST OF PRODUCTION PER ANNUM

S.No	Description	Value Rs.
1	Total working capital	764400
2	Depreciation	1000
3	Interest	22410
	Total	787810

X. TURNOVER PER YEAR

S.No	Item	Quantity	Rate Rs.	Value Rs.
1	Plastic containers of various sizes	360000 nos.	2.50	900000
	Total			900000

XI. FIXED COST PER YEAR

S.No	Description	Value Rs.
1	Depreciation	1000
2	Interest	22410
3	Rent	12000
4	40% of salaries & wages	21600
5	40% of other expenses (utilities + OE)	15360
	Total	72370

XII. PROFIT ANALYSIS

Net Profit : sale-total cost=900000-787810 =112190

% of Profit on Sale: Profit / Sale x100 =112190/900000]100 =12.47%

% of Return on Investment: Profit / (Investment) x100=112190/149400]100=75%

Break-Even Analysis : FC / (FC+Profit) x100=72370/72370+112190]100=39.21%

XIII. MACHINERY SUPPLIERS

1.Plasmac Machine mfg. Co.Pvt. Ltd., 35, Interlink Industrial Estate, caves Road, Jogeswari(E), Mumbai-60

2. Pimco Machine pvt. Ltd. 41 Veera Desai Indl Estate, SV road, Oshiwara, Jogeswari (W), Mumbai-102

XIV. RAW MATERIAL SUPPLIERS

Locally available