

INJECTION MOULDED PLASTIC ITEMS

I. INTRODUCTION:

Thermoplastic Materials like HDPE, LDPE, PP, PS etc. can be inject moulded into variety of products starting from consumer goods i.e mugs, caps, closures etc to industrial goods such as coil former, transformer houses etc.

II. MARKET POTENTIAL

There is a good demand for plastic injection moulded articles in automobile, electronic, electrical and mechanical industry. Injection moulded articles such as bearing house, gear covers etc. are finding increasing uses and replacing conventional metallic components.

III. BASIS AND PRESUMPTIONS:

The unit will work for 8 hours daily for 300 working days in a year.

IV. IMPLEMENTATION SCHEDULE:

The unit can be set up in 1 months.

V. TECHNICAL ASPECTS:

1.Process of Manufacturing:

Thermoplastic Materials like HDPE, LDPE, PP, PS etc. are melted at can be inject moulded into variety of products starting from consumer goods i.e mugs, caps, closures etc to industrial goods such as coil former, transformer houses etc.

2.Quality Specification

3.Production Capacity per annum

Quantity: 3485 kg.

Value: Rs.365400

4.Motive Power

2 HP

VI. TOTAL CAPITAL INVESTMENTS

S.No	Description	Value Rs.
1	Fixed Capital	114000
2	Working capital	24700
	Total cost	138700

- 1.Promoter's Contribution (5% of total cost) 6935
2.PMRY subsidy (15% of total cost or Rs.7500,whichever is less) 7500
3.Bank loan[total cost-(Promoter's Contribution+ PMRY subsidy) 124265

1. FIXED CAPITAL

i Land & Buildings : 100 sq.mt covered area rented at a rent of Rs.1000 pm.

ii Machinery & Equipment

S.No	Description	Quantity	Value Rs.
1	Injection moulding machine-60 gms capacity	1	50000
2	Injection moulding machine-15 gm capacity	1	41000
3	Dies and tools		20000
4	Electrification and Installation		3000
	Total		114000

2. WORKING CAPITAL

i)Staff & Labour per month

S.No	Designation	No	@ Rs.	Value Rs.
1	Skilled worker	1	3000	3000
2	Unskilled	1	2000	2000
	Total			5000

ii)Raw Material (p.m.)

S.No	Description	Quantity	Value Rs.
1	PE /PP Granules	300 kgs	15000
	Total		15000

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	Postage & stationery	500
2	Conveyance, transportation	1000
3	Consumables	1000
	Total	2500

v.Total working capital per month

S.No	Description	Value Rs.,
1	Rent	1000
2	Staff and labour	5000
3	Raw materials	15000
4	Utilities	1200
5	Other expenses.	2500
	Total	24700

IX. COST OF PRODUCTION PER ANNUM

S.No	Description	Value Rs.
1	Total working capital	296400
2	Depreciation	11400
3	Interest	20805
	Total	328605

X. TURNOVER PER YEAR

S.No	Item	Quantity	Rate Rs.	Value Rs.
1	Plastic product	3480 kg	105 / kg.	365400
	Total			365400

XI. FIXED COST PER YEAR

S.No	Description	Value Rs.
1	Depreciation	11400
2	Interest	20805
3	Rent	12000
4	40% of salaries & wages	24000
5	40% of other expenses (utilities + OE)	17760
	Total	85965

XII. PROFIT ANALYSIS

Net Profit : sale-total cost=365400-328605=36795

% of Profit on Sale: Profit / Sale x100=36795/365400]100=10%

% of Return on Investment: Profit / (Investment) x 100=36795/138700]100 =26.53%

Break-Even Analysis : FC / (FC+Profit) x100=85965 /85965+36795]100=70%

XIII. MACHINERY SUPPLIERS

- Dwarka Industries, Narsapur cross Road, Balanagar, Hyderabad-37

XIV. RAW MATERIAL SUPPLIERS

Locally available