

### TINY UNIT FOR PLASTIC BOTTLES

Since the aerated water (cold drinks) and mineral water industries have increased manifold. The demand for the plastic bottles have increased considerably. A simple blow mould machine which can be easily operated, generate sufficient profit. Not only cold drinks, mineral water, but oils, fruit, syrups and variety of industries are using bottles as packing material. The demand for the bottles are increasing day-by-day.

<b>1. Name of the Product</b>	<b>:</b>	<b>Plastic Bottles</b>
<b>2. Project Cost</b>	<b>:</b>	
(a) Capital Expenditure		
Land	:	Own
Building Shed 600 sq.ft.	:	Rs. 120000.00
Equipment (Moulding M/c, Handling tool, Furnace, etc.)	:	Rs. 280000.00
Total Capital Expenditure	:	Rs. 400000.00
(b) Working Capital	:	Rs. 149000.00
<b>TOTAL PROJECT COST</b>	<b>:</b>	<b>Rs. 549000.00</b>

**3. Estimated Annual Production of Plastic Bottles : (Value in 1000)**

Sl. No.	Particulars	Capacity	Rate	Total Value
1.	Plastic Bottles	250000.00 Bottles		749.00
	<b>TOTAL</b>	<b>250000.00 Bottles</b>		<b>749.00</b>

<b>4. Raw Material</b>	<b>:</b>	<b>Rs. 400000.00</b>
<b>5. Labels and Packing Material</b>	<b>:</b>	<b>Rs. 2000.00</b>
<b>6. Wages (Skilled &amp; Unskilled)</b>	<b>:</b>	<b>Rs. 120000.00</b>

<b>7. Salaries</b>	:	<b>Rs. 72000.00</b>
<b>8. Administrative Expenses</b>	:	<b>Rs. 25000.00</b>
<b>9. Overheads</b>	:	<b>Rs. 50000.00</b>
<b>10. Miscellaneous Expenses</b>	:	<b>Rs. 5000.00</b>
<b>11. Depreciation</b>	:	<b>Rs. 34000.00</b>
<b>12. Insurance</b>	:	<b>Rs. 4000.00</b>
<b>13. Interest (As per the PLR)</b>		
(a) Capital Expenditure Loan	:	Rs. 52000.00
(b) Working Capital Loan	:	Rs. 19370.00
<b>Total Interest</b>	:	<b>Rs. 71370.00</b>
<b>14. Working Capital Requirement</b>		
<b>Fixed Cost</b>	:	<b>Rs. 158000.00</b>
<b>Variable Cost</b>	:	<b>Rs. 591370.00</b>
<b>Requirement of Working Capital per Cycle</b>	:	<b>Rs. 149874.00</b>
<b>15. Estimated Cost Analysis</b>		

Sl. No.	Particulars	Capacity Utilization (Rs. in ₹000)			
		100%	60%	70%	80%
1.	<b>Fixed Cost</b>	158.00	94.80	110.60	126.40
2.	<b>Variable Cost</b>	591.00	354.60	413.70	472.80
3.	<b>Cost of Production</b>	749.00	449.40	524.30	599.20
4.	<b>Projected Sales</b>	900.00	540.00	630.00	720.00
5.	<b>Gross Surplus</b>	151.00	90.60	105.70	120.80
6.	<b>Expected Net Surplus</b>	117.00	57.00	72.00	87.00

**Note:**

1. All figures mentioned above are only indicative and may vary from place to place.
2. If the investment on Building is replaced by Rental Premises-
  - (a) Total Cost of Project will be reduced.
  - (b) Profitability will be increased.
  - (c) Interest on Capital Expenditure will be reduced.