

**Khadi and Village Industries Commission Mumbai**

**PROJECT PROFILE ON ASSEMBLY OF BEVERAGE VENDING MACHINE**

**Introduction :**

Beverage Vending Machines were in existence as early as 215 B.C. . The ancient Egyptians were using a device that has been identified to dispense holy water at places of worships after depositing a coin. In the United States, vending machines were introduced in 1888 when the Adams Gum company started to sell their penny gum products using such machines. Vending machines are popular now in India also as one can see them almost everywhere. Vending machines are now an essential equipment at Railway Stations, Airport, Bus Stations, fast-food restaurants, Hospitals, super markets and even in office complexes.

**1 Name of the Product : ASSEMBLY OF BEVERAGE VENDING MACHINE**

**2 Project Cost :**

a Capital Expenditure

Land	:			<b>Own</b>
Work shed in sq.ft rented	:	0	Rs.	-
Equipment	:		Rs.	331,000.00

Digital Multimeter, 4 1/2 Digit, Temp. Controlled Soldering Unit, LCR Meter, Drilling Machine, Analog Multimeter, Tool Kit, Electronic Screw Driver & Screw Feeder, Digital Storage Oscilloscope 60 MHz , Micro Controller Programmer, Hand Tools/Jigs/Fixtures, Office equipment and furniture, Pre-operative expenses

Total Capital Expenditure				Rs. 331,000.00
b Working Capital				Rs. 1,325,000.00
<b>TOTAL PROJECT COST :</b>				<b>Rs. 1,656,000.00</b>

**3 Estimated Annual Production Capacity:**

(Rs. in 000)

Sr.No.	Particulars	Capacity in No./Q.	Rate	Total Value
1	BEVERAGE VENDING MACHINES	1500.00	5550.00	8326.34
<b>TOTAL</b>		<b>1500.00</b>	<b>5550.00</b>	<b>8326.34</b>

4 Raw Material	:			Rs. 7,032,000.00
5 Labels and Packing Material	:			Rs. 80,000.00
6 Wages (4-Skilled & 4- Unskilled)				Rs. 576,000.00
7 Salaries (1-Manager)				Rs. 120,000.00

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<b>8</b>	<b>Administrative Expenses</b>	<b>:</b>	<b>Rs.</b>	<b>120,000.00</b>
<b>9</b>	<b>Overheads</b>	<b>:</b>	<b>Rs.</b>	<b>120,000.00</b>
<b>10</b>	<b>Miscellaneous Expenses</b>	<b>:</b>	<b>Rs.</b>	<b>60,000.00</b>
<b>11</b>	<b>Depreciation</b>	<b>:</b>	<b>Rs.</b>	<b>33,100.00</b>
<b>12</b>	<b>Insurance</b>	<b>:</b>	<b>Rs.</b>	<b>3,310.00</b>
<b>13</b>	<b>Interest (As per the PLR)</b>			
	<b>a. C.E.Loan</b>	<b>:</b>	<b>Rs.</b>	<b>43,030.00</b>
	<b>b. W.C.Loan</b>	<b>:</b>	<b>Rs.</b>	<b>172,250.00</b>
	<b>Total Interest</b>		<b>Rs.</b>	<b>215,280.00</b>
<b>14</b>	<b>Working Capital Requirement</b>	<b>:</b>		
	<b>Fixed Cost</b>		<b>Rs.</b>	<b>346,340.00</b>
	<b>Variable Cost</b>		<b>Rs.</b>	<b>7,980,250.00</b>
	<b>Requirement of WC per Cycle</b>		<b>Rs.</b>	<b>1,387,765.00</b>

**15 Cost Analysis**

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
<b>1</b>	<b>Fixed Cost</b>	346.34	207.80	242.44	277.07
<b>2</b>	<b>Variable Cost</b>	7980.00	4788.00	5586.00	6384.00
<b>3</b>	<b>Cost of Production</b>	8326.34	4995.80	5828.44	5863.07
<b>4</b>	<b>Projected Sales</b>	10500.00	6300.00	7350.00	8400.00
<b>5</b>	<b>Gross Surplus</b>	2173.66	1304.20	1521.56	1738.93
<b>6</b>	<b>Expected Net Surplus</b>	2141.00	1271.00	1488.00	1706.00

- Note :
- 1.All figures mentioned above are only indicative.
  - 2.This is model project profile for guidance
  - 3.Cost of Project, and its profitability will be changed depends on the area, availability of raw Material, man power, power requirement and various other factors etc..