



## 37. PROJECT PROFILE ON SODA WATER

Category : Manufacturing

Total Cost of Project : Rs. 1,39,000/-

BEP : 60 %

### I. INTRODUCTION OF BUSINESS IDEA :

The proposed project is to establish an Aerated water manufacturing unit on a small scale. Aerated water is a beverage consumed everywhere in all seasons to quench thirst and also it is used to mix with liquor.

### II. PRODUCTION AND ITS APPLICATION :

The aerated water is used to quench thirst, used in preparation of fresh lime cold drink, and also to mix with liquor.

### III. MARKET POTENTIAL:

As the established branded aerated water from Pepsi, Coco cola, Kinley, Bisleri are relatively costlier than the proposed product. Aerated Water is sold in cold drink houses, hotels, bars and bakeries. During the summer season, there is increased demand for aerated water. The branded products are available in the market, however, majority of the customers prefer the local products as it is cheap and transportation headache is also reduced to some extent. In the district, there are not many units manufacturing aerated water. Hence, there is good potential for the proposed unit.

### IV. CAPACITY/REVENUE (1<sup>ST</sup> YEAR):

The installed capacity proposed for the unit is 500 bottles per day. It is assumed that the unit works on 300 working days in a year.

Sl. No.	Product	Quantity	Rate	Sales/Annum
01	300 ml Aerated Water	1,20,000 Glass Bottles	Rs 7/each	Rs 8.40 lacs
Total				Rs 8.40 lacs

### V. MANUFACTURING PROCESS & QUALITY :

Water and Carbon dioxide are used in manufacture of Aerated water. Water is first filtered and cleaned and then the carbon dioxide absorption takes place after which it is sealed in cleaned bottles as per the required quantity. The quality can be ensured by taking special care in maintaining hygienic conditions in the premises.



**VI. COST OF PROJECT AND MEANS OF FINANCE, INCLUDING WORKING CAPITAL REQUIREMENTS :**

**A. COST OF PROJECT :**

Sl. No	Particulars	Amount (Rs).
1	Equipments	1,47,000
2	Other fixed assets	10,000
3	Preliminary & pre-operative expenses	10,000
4	Deposits	20,000
5	Working capital requirement	53,000
	<b>Total</b>	<b>2,40,000</b>

**B. MEANS OF FINANCE :**

Sl. No	Particulars	Amount (Rs).
1	Loan at 75% of the project cost	1,80,000
2	Equity	60,000
	<b>Total</b>	<b>2,40,000</b>

**C. WORKING CAPITAL REQUIREMENT :**

Sl. No.	Particulars	Basis	Period	Amount
01	Raw material & Consumables	98,000/12 x 1	1month	8,200
02	Bills Receivable	8,40,000/12 x 1/2	1/2 month	35,000
03	Working Expenses		1 month	10,000
	<b>Total</b>			<b>53,200</b>
	<b>Say</b>			<b>53,000</b>

**VII. MAIN INPUTS REQUIREMENT:**

**A MACHINERY :**

Sl. No	Particulars	Quantity	Rate	Amount ( in Rs)
01.	Bottle filling and capping M/C	1	40,000	40,000
02.	Crates	50	3,000	15,000
03.	Bottles	5,000	8,000	40,000
04.	Co 2 cylinder	2	10,000	20,000
05	Demineralizer	1	10,000	10,000
06	Water tanks	2	6,000	12,000
07	Electrification			10,000
	<b>Total</b>			<b>147,000</b>

**B. RAW MATERIALS:**

Sl. No.	Particulars	Quantity p.m.	Rate	Total cost p.m.	Total Cost per Annum
1	Co 2 Gas	15 cylinders	400	6,000	72,000
2	Soap oil , Brush	120 ltrs, 12no.s		2,000	24,000
	<b>Total</b>				<b>98,000</b>

**C. UTILITIES:**

Sl. No.	Particulars	Monthly Charges (Rs)	Annual Charges (Rs.)
1	Water & Electricity	4,000	48,000
	<b>Total</b>		<b>48,000</b>

**D. MANPOWER :**

Sl. No	Particulars	No's Required	Total Salary Month	Total Salary Annum
01	Skilled worker	1	9,000	1,08,000
02	Helper	2	5,000	1,20,000
	<b>Total</b>			<b>2,28,000</b>

**E. MAIN INFRASTRUCTURE REQUIREMENT:**

Building	600 Sft Built up area with water ranks,
Power	1 H P
Water	1000 Ltrs/ day

**VIII. PROFITABILITY PROJECTION: (ANNUAL)**

Particulars	Basis	Amount (Rs).
Projected Sales Revenue	Reference IV	8,40,000
Raw materials	Reference VII B	98,000
Manpower	Reference VII D	2,28,000
Utilities	Reference VII C	48,000
Interest	@ 12%	22,000
Depreciation	@ 20% SLM	30,000
Overheads	Rent Maintenance, selling exp, Bottle breakage etc	1,80,000
<b>Total expenses</b>		<b>6,06,000</b>
<b>Profit</b>		<b>2,34,000</b>



### IX. FINANCIAL INDICATOR:

<b>Break Even Point</b> $\frac{FC}{SR-VC} \times 100$	$\frac{2,32,000}{4,56,000} \times 100$	51 %
<b>Payback period</b> $\frac{COP}{\text{Profit} + \text{Deprn.}}$	$\frac{2,40,000}{2,74,000}$	Less than 1 Year

### X ADDRESS OF EQUIPMENTS

Bangalore bottle Suppliers,  
3661, 11<sup>th</sup> cross, Gayatrinagar,  
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