

Project Profile on Exhaust fans

Introduction

Exhaust fans find a wide variety of use in households and industries. It is also used as a part by equipment manufacturers whose products require higher degrees of forced ventilation (computers, freezers, automobiles). Therefore there is a good market for the product provided the manufacturer is prepared to design and make fans suitable for a broad spectrum of activity.. **RAW MATERIALS**

Stamping, aluminium casting for body and cover, ball bearings, MS shaft, Super enamelled copper wire, Blade assembly, frame mounting, capacitors, insulation materials, hardware

Process of Manufacture:The body casting is machined as per design. The stator core and rotor winding is then carried out and assembled in the casing. The blades/vanes are fixed on the shaft. The unit is tested for performance and quality and packed.

Market potential

:Exhaust fan has a very good demand in the market. All industrial concerns, hospitals, hotels, educational institutions etc need this product. There is ample potential for setting up of new industrial units in this area.

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1 Name of the Product : Fruit Bars

2 Project Cost :

a Capital Expenditure

Land : Own

Workshet sq.mtrs onrent 0 Rs.

Equipment : Rs. 300,000.00

1.Lathe ,2 Coil winding machine 3 Drilling machine 4 Bench grinder 5 Fly press 6 Air compressor with gun for painting 7 Bench vices 8 Weldingmachine 9 Electric oven 10 Testing equipment

Total Capital Expenditure Rs. 300,000.00

b Working Capital Rs. 350,000.00

TOTAL PROJECT COST : Rs. 650,000.00

3 Estimated Annual Production Capacity:

(Rs. in 000)

Sr.No.	Particulars	Capacity	Rate	Total Value
1	Exhaust fans	0.00	0.00	2151.00
TOTAL		0.00	0.00	2151.00

4 Raw Material : Rs. 1,500,000.00

5 Labels and Packing Material : Rs. 5,000.00

6 Wages (2-Skilled & 2-Unskilled) : Rs. 288,000.00

7 Salaries (MANAGER-1) Rs. 120,000.00

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8	Administrative Expenses	:	Rs.	85,000.00
9	Overheads	:	Rs.	60,000.00
10	Miscellaneous Expenses	:	Rs.	5,000.00
11	Depreciation	:	Rs.	30,000.00
12	Insurance	:	Rs.	3,000.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	39,000.00
	b. W.C.Loan	:	Rs.	45,500.00
	Total Interest		Rs.	84,500.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	252,000.00
	Variable Cost		Rs.	1,898,500.00
	Requirement of WC per Cycle		Rs.	358,417.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	252.00	151.20	176.40	201.60
2	Variable Cost	1899.00	1139.40	1329.30	1519.20
3	Cost of Production	2151.00	1290.60	1505.70	1530.90
4	Projected Sales	2350.00	1410.00	1645.00	1880.00
5	Gross Surplus	199.00	119.40	139.30	159.20
6	Expected Net Surplus	169.00	89.00	109.00	129.00

- Note :
1. All figures mentioned above are only indicative.
 2. If the investment on Building is replaced by Rental then
 - a. Total Cost of Project will be reduced.
 - b. Profitability will be increased.
 - c. Interest on C.E.will be reduced.