

Automatic Curtain Opener

Introduction

The project profile envisages the production of Automatic Curtain Opener by setting up of unit in a small scale sector. The Automatic curtain Opener are used for opening and closing of the stage of any good theatre, auditorium conference hall etc. The mechanism should automatically open and close the curtain depending on the situation of the function being performed on the stage. The mechanism consist of single phase induction motor drive a forward-reserve starter and two limit switches. The motor when actuated y the push buttons and contractor may rotate in either direction depending upon the direction of current flowing through its main winding. The motor once when required to stop required limit switches. In the Automatic Curtain Opener the motors runs in both the direction for opening and closing hece two numbers of limit swithches is required.

1 **Name of the Product :** Automatic Curtain Opener

2 **Project Cost :**

a Capital Expenditure

Land	:				Own
Workshed in sq.ft on rent	:	900	Rs.	180,000.00	
Equipment	:			265,300.00	

Total Capital Expenditure			Rs.	445,300.00
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b Working Capital			Rs.	300,000.00
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TOTAL PROJECT COST :			Rs.	745,300.00
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3 **Estimated Annual Production Capacity:**

(Rs. In 000)

Sr.No.	Particulars	Capacity in Quintals	Rate	Total Value
1	Curtain Opener	1200.00		1835.34
TOTAL		1200.00	0.00	1835.34

4 Raw Material	:		Rs.	1,055,000.00
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5 Lables and Packing Material	:		Rs.	10,000.00
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6 Wages (3-Skilled & 3- Unskilled)	:		Rs.	432,000.00
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7 Salaries (MANAGER-1)			Rs.	120,000.00
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8	Administrative Expenses	:	Rs.	45,000.00
9	Overheads	:	Rs.	60,000.00
10	Miscellaneous Expenses	:	Rs.	12,000.00
11	Depreciation	:	Rs.	35,530.00
12	Insurance	:	Rs.	4,453.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	57,889.00
	b. W.C.Loan	:	Rs.	39,000.00
	Total Interest		Rs.	96,889.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	239,342.00
	Variable Cost		Rs.	1,596,000.00
	Requirement of WC per Cycle		Rs.	305,890.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	239.34	143.61	167.54	191.47
2	Variable Cost	1596.00	957.60	1117.20	1276.80
3	Cost of Production	1835.34	1101.21	1284.74	1308.67
4	Projected Sales	2200.00	1320.00	1540.00	1760.00
5	Gross Surplus	364.66	218.79	255.26	291.73
6	Expected Net Surplus	329.00	183.00	220.00	256.00

- 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.