

Khadi and Village Industries Commission Mumbai

PROJECT PROFILE ON ASSEMBLY OF HOME SECURITY SYSTEM

Introduction :

As the people are more and more worried about their security, different types of security systems are now available in the market. This profile is about the assembly of a home based security system which consist of sensors, the 'Electronic Eyes' which constantly watch the unwanted intruder, fire & smoke or the leakage of LPG and inform & trigger the system. There can be different types of sensors in the system depending upon the application. The Microcontroller Monitoring System which is the brain of this system in turn generates the necessary security signal try way of lounge siren or a signal to dial the telephone automatically.

1 Name of the Product : ASSEMBLY OF HOME SECURITY SYSTEM

2 Project Cost :

a Capital Expenditure

Land	:			Own
Work shed in sq.ft rented	:	0	Rs.	-
Equipment	:		Rs.	323,000.00

Digital Multimeter, 4 1/2 Digit, Tern Controlled Soldering Unit, LCR Meter, Drilling Machine, Analog Multimeter, Tool Kit, Electronic Screw Driver & Screw Feeder, Digital Storage Oscilloscope 60 MGz , Micro Controller Programmer, Electrification charges @ 10% cost of machinery & equipment. Office equipment and furniture, Pre-operative expenses.

Total Capital Expenditure	Rs.	323,000.00
b Working Capital	Rs.	1,870,000.00
TOTAL PROJECT COST :	Rs.	2,193,000.00

3 Estimated Annual Production Capacity:

(Rs. in 000)

Sr.No.	Particulars	Capacity in No./Q.	Rate	Total Value
1	Assemlby of Home Securty system	1200 Nos.	6499.00	7799.22
TOTAL		0.00	6499.00	7799.22

4 Raw Material	:	Rs.	6,360,000.00
5 Labels and Packing Material	:	Rs.	125,000.00
6 Wages (4-Skilled & 4- Unskilled)		Rs.	576,000.00
7 Salaries (1-Manager)		Rs.	120,000.00

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8	Administrative Expenses	:	Rs.	150,000.00
9	Overheads	:	Rs.	120,000.00
10	Miscellaneous Expenses	:	Rs.	60,000.00
11	Depreciation	:	Rs.	32,300.00
12	Insurance	:	Rs.	3,230.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	41,990.00
	b. W.C.Loan	:	Rs.	243,100.00
	Total Interest		Rs.	285,090.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	375,220.00
	Variable Cost		Rs.	7,424,100.00
	Requirement of WC per Cycle		Rs.	1,949,830.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	375.22	225.13	262.65	300.18
2	Variable Cost	7424.00	4454.40	5196.80	5939.20
3	Cost of Production	7799.22	4679.53	5459.45	5496.98
4	Projected Sales	8500.00	5100.00	5950.00	6800.00
5	Gross Surplus	700.78	420.47	490.55	560.62
6	Expected Net Surplus	668.00	388.00	458.00	528.00

- 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..