

Khadi and Village Industries Commission Mumbai

PROJECT PROFILE ON ASSEMBLING OF ELECTRONIC GAS LIGHTERS

Introduction :

The Electronic Gas Lighter uses a piezo-electric crystal. This crystal has a property to generate voltage when it is mechanically deformed. It generates high voltages across a spark gap which when in proximity to a gas would ignite it . Gas lighters are being used by cooking gas users. It is durable due to its performance and economical as compared to the mechanical and electrical lighters. It does not require battery for its operation . It is safer, economical, reliable and quick in action. It requires virtually no maintenance.

1 Name of the Product : ELECTRONIC GAS LIGHTERS

2 Project Cost :

a Capital Expenditure

Land	:			Own
Work shed in sq.ft rented		0	Rs.	-
Equipment	:		Rs.	69,000.00

Fly Press (No.3), Bench Drilling Machine (1/2'), Bench Grinder, Shearing Machine(10" x 10" SWG) , Injection Moulding Machine 15 Gm. Test Bench with Jigs fitted (Motorised), Spot Welding Machine, Hand Tools/Jigs/ Fixtures, Office equipment and furniture Pre-operative expenses.

Total Capital Expenditure	Rs.	69,000.00
b Working Capital	Rs.	240,000.00
TOTAL PROJECT COST :	Rs.	309,000.00

3 Estimated Annual Production Capacity: (Rs. in 000)

Sr.No.	Particulars	Capacity in No./Q.	Rate	Total Value
1	AUTOMOBILE SILENCER	30000.00	49.00	1447.66
TOTAL		30000.00	49.00	1447.66

4 Raw Material	:	Rs.	1,056,000.00
5 Labels and Packing Material	:	Rs.	25,000.00
6 Wages (1-Skilled)	:	Rs.	96,000.00
7 Salaries (1-Manager)		Rs.	120,000.00

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8	Administrative Expenses	:	Rs.	45,000.00
9	Overheads	:	Rs.	40,000.00
10	Miscellaneous Expenses	:	Rs.	25,000.00
11	Depreciation	:	Rs.	6,900.00
12	Insurance	:	Rs.	690.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	8,970.00
	b. W.C.Loan	:	Rs.	31,200.00
	Total Interest		Rs.	40,170.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	199,660.00
	Variable Cost		Rs.	1,248,200.00
	Requirement of WC per Cycle		Rs.	241,310.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	199.66	119.80	139.76	159.73
2	Variable Cost	1248.00	748.80	873.60	998.40
3	Cost of Production	1447.66	868.60	1013.36	1033.33
4	Projected Sales	1625.00	975.00	1137.50	1300.00
5	Gross Surplus	177.34	106.40	124.14	141.87
6	Expected Net Surplus	170.00	100.00	117.00	135.00

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..