

**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	:			<b>Own</b>
Work shed in sq.ft rented	:	0	Rs.	-
Equipment	:		Rs.	<b>69,000.00</b>

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.	<b>69,000.00</b>
b Working Capital		Rs.	<b>240,000.00</b>
<b>TOTAL PROJECT COST :</b>		<b>Rs.</b>	<b>309,000.00</b>

**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
<b>TOTAL</b>		<b>30000.00</b>	<b>49.00</b>	<b>1447.66</b>

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

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

**15 Cost Analysis**

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