

Khadi and Village Industries Commission Mumbai

**PROJECT PROFILE ON AUTOMOBILE SILENCER**

**Introduction :**

This is a device used to reduce the noise produced by the automobile engine. The noise, which is produced due to exhaust gases, is controlled with the help of automobile silence. These are made in different design and specifications according to the end user i.e model and make of the automobile vehicle.

**1 Name of the Product :** **AUTOMOBILE SILENCER**

**2 Project Cost :**

a Capital Expenditure

Land	:			<b>Own</b>
Work shed in sq.ft rented		0	Rs.	-
Equipment	:		Rs.	<b>630,000.00</b>

Shearing M/c 4' blade size 16 SWG capacity with 5 HP motor, Power Press 30MT capacity with Electricals, Power Press 5 MT capacity with motor, Fly press no 18, Sheet bending roll with 2 HP motor, DE Bench grinder 8" wheel dia, Edge folding m/c, Welding Equipment 9Spot & Gas welding, Work benches, racks, tables etc., Measuring instruments, Tools Jigs & fixture, Office equipment, Electrification & Installation @ 15%

Total Capital Expenditure	Rs.	<b>630,000.00</b>
b Working Capital	Rs.	<b>570,000.00</b>
<b>TOTAL PROJECT COST :</b>	<b>Rs.</b>	<b>1,200,000.00</b>

**3 Estimated Annual Production Capacity:**

(Rs. in 000)

Sr.No.	Particulars	Capacity in No./Q.	Rate	Total Value
1	AUTOMOBILE SILENCER	12000 Nos.	200.00	2311.20
<b>TOTAL</b>		<b>0.00</b>	<b>200.00</b>	<b>2311.20</b>

<b>4 Raw Material</b>	:	<b>Rs.</b>	<b>1,200,000.00</b>
<b>5 Labels and Packing Material</b>	:	<b>Rs.</b>	<b>75,000.00</b>
<b>6 Wages (4-Skilled &amp; 2- Unskilled)</b>		<b>Rs.</b>	<b>550,000.00</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>120,000.00</b>
<b>9</b>	<b>Overheads</b>	<b>:</b>	<b>Rs.</b>	<b>60,000.00</b>
<b>10</b>	<b>Miscellaneous Expenses</b>	<b>:</b>	<b>Rs.</b>	<b>24,000.00</b>
<b>11</b>	<b>Depreciation</b>	<b>:</b>	<b>Rs.</b>	<b>63,000.00</b>
<b>12</b>	<b>Insurance</b>	<b>:</b>	<b>Rs.</b>	<b>6,300.00</b>
<b>13</b>	<b>Interest (As per the PLR)</b>			
	<b>a. C.E.Loan</b>	<b>:</b>	<b>Rs.</b>	<b>81,900.00</b>
	<b>b. W.C.Loan</b>	<b>:</b>	<b>Rs.</b>	<b>74,100.00</b>
	<b>Total Interest</b>		<b>Rs.</b>	<b>156,000.00</b>
<b>14</b>	<b>Working Capital Requirement</b>	<b>:</b>		
	<b>Fixed Cost</b>		<b>Rs.</b>	<b>352,200.00</b>
	<b>Variable Cost</b>		<b>Rs.</b>	<b>1,959,100.00</b>
	<b>Requirement of WC per Cycle</b>		<b>Rs.</b>	<b>577,825.00</b>

**15 Cost Analysis**

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
<b>1</b>	<b>Fixed Cost</b>	352.20	211.32	246.54	281.76
<b>2</b>	<b>Variable Cost</b>	1959.00	1175.40	1371.30	1567.20
<b>3</b>	<b>Cost of Production</b>	2311.20	1386.72	1617.84	1653.06
<b>4</b>	<b>Projected Sales</b>	2850.00	1710.00	1995.00	2280.00
<b>5</b>	<b>Gross Surplus</b>	538.80	323.28	377.16	431.04
<b>6</b>	<b>Expected Net Surplus</b>	476.00	260.00	314.00	368.00

- 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..