

Khadi and Village Industries Commission Mumbai

PROJECT PROFILE ON RECHARGEABLE TORCH

Introduction :

Rechargeable Torch is the Torch which operate with the help of storage battery, which can be recharged with the help of Electricity. This torch is handy and produces more illumination in comparison of conventional torch, which worked with the help of dry cell battery. The operating cost of rechargeable torch is very - very less, if we compare with running cost of dry cell battery torch. Once it is fully charged, the same works for 14 hours continuously without any interruption. It is available in the market in different shapes and models, and the average life is approximately or 2 years, and after 2 years, one has to replace the battery only. It operates at 6 volts and battery is charged by Electricity after continuous operation.

operation

1 Name of the Product : RECHARGEABLE TORCH

2 Project Cost :

a Capital Expenditure

Land	:		Rs.	Own
Work shed in sq.ft rented		0	Rs.	-
Equipment	:		Rs.	83,000.00

Drill machine 3/4"/Testing board with Voltmeter, Ammeter etc./Megger O-500 Volt/Multimeter/Hydrrometer/High Voltage Tester/Tools, Dies, jigs etc./Office equipment & Furniture/Preoperative expenses.

Total Capital Expenditure	Rs.	83,000.00
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b Working Capital	Rs.	1,100,000.00
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TOTAL PROJECT COST :	Rs.	1,183,000.00
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3 Estimated Annual Production Capacity: (Rs. in 000)

Sr.No.	Particulars	Capacity in No.	Rate	Total Value
1	RECHARGEABLE TORCH	30000.00	156.00	4873.62
TOTAL		30000.00	156.00	4873.62

4 Raw Material	:	Rs.	3,936,000.00
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5 Labels and Packing Material	:	Rs.	125,000.00
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6 Wages (2-Skilled & 2-unskilled)		Rs.	288,000.00
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7 Salaries (1-Manager)		Rs.	120,000.00
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PAGE (2)

8	Administrative Expenses	:	Rs.	100,000.00
9	Overheads	:	Rs.	85,000.00
10	Miscellaneous Expenses	:	Rs.	65,000.00
11	Depreciation	:	Rs.	8,300.00
12	Insurance	:	Rs.	830.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	10,790.00
	b. W.C.Loan	:	Rs.	143,000.00
	Total Interest		Rs.	153,790.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	296,620.00
	Variable Cost		Rs.	4,577,000.00
	Requirement of WC per Cycle		Rs.	1,218,405.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	296.62	177.97	207.63	237.30
2	Variable Cost	4577.00	2746.20	3203.90	3661.60
3	Cost of Production	4873.62	2924.17	3411.53	3441.20
4	Projected Sales	5400.00	3240.00	3780.00	4320.00
5	Gross Surplus	526.38	315.83	368.47	421.10
6	Expected Net Surplus	518.00	308.00	360.00	413.00

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..