

PROJECT PROFILE ON DOMESTIC ELECTRONIC TIMER

Introduction :

In day to day life it has become necessary to have automatic domestic device to reduce labour and wastages. In this aspect the electronic domestic timer can play a vital role in the house holds for switching off the house hold appliances at predetermines time and duration by the house wives. The unit consists of (1) a timing circuit formed by resistors and capacitors, (2) IC 555 to perform trigger function determined by the resistor capacitor constant, (3) driving stage (formed by a transistor) and a piezo buzzer housed in a cabinet. In the front panel calibrated time - scale will be there to select required time settings. The complete circuit works generally on 1.5 V Battery. The time could also be built in a particular appliance by using a driving stage & solenoid/ relay to switch off the appliance etc.

1 Name of the Product : DOMESTIC ELECTRONIC TIMER**Project Cost :****a Capital Expenditure**

Land	:			Own
Work shed in sq.ft	RENTED	0	Rs.	-
Equipment	:		Rs.	30,000.00

10MHZ Oscilloscope, Multimeters, Stop watch (Mechanical type) DC Power Supply (low cost), Hand Tools/Jigs/Fixtures, Office Equipment & Furniture & Work Table etc.

Total Capital Expenditure	Rs.	30,000.00
b Working Capital	Rs.	130,000.00
TOTAL PROJECT COST :	Rs.	160,000.00

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

Sr.No.	Particulars	Capacity in No./Q.	Rate	Total Value
1	DOMESTIC ELECTRONIC TIMER	3500.00	150.00	721.20
TOTAL		3500.00	150.00	721.20

4	Raw Material	:	Rs.	400,000.00
5	Labels and Packing Material	:	Rs.	25,000.00
6	Wages (1-Skilled)	:	Rs.	60,000.00
7	Salaries (1-Manager)		Rs.	120,000.00

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8	Administrative Expenses	:	Rs.	25,000.00
9	Overheads	:	Rs.	60,000.00
10	Miscellaneous Expenses	:	Rs.	10,000.00
11	Depreciation	:	Rs.	3,000.00
12	Insurance	:	Rs.	300.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	3,900.00
	b. W.C.Loan	:	Rs.	16,900.00
	Total Interest		Rs.	20,800.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	159,200.00
	Variable Cost		Rs.	561,900.00
	Requirement of WC per Cycle		Rs.	120,183.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	159.20	95.52	111.44	127.36
2	Variable Cost	562.00	337.20	393.40	449.60
3	Cost of Production	721.20	432.72	504.84	520.76
4	Projected Sales	825.00	495.00	577.50	660.00
5	Gross Surplus	103.80	62.28	72.66	83.04
6	Expected Net Surplus	101.00	59.00	70.00	80.00

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..