

KVIC- PMEGP

PROJECT PROFILE ON ELECTRONIC FAN REGULATOR & LIGHT DIMMERS

Introduction

Electronic Fan regulator is an electronic device consisting of diacs, triacs, potentiometric resistances to provide step less control of fan speed. This is an energy saving device and has advantage over the conventional type of fan regulators having more energy losses. These regulators can also be used as a speed regulator for many other small F.H.P. motors used in mixer, light dimmers etc. with appropriate current readings.

1 Name of the Product : **ELECTRONIC FAN REGULATOR & LIGHT DIMMERS**

2 Project Cost :

a Capital Expenditure

Land

:

Own

Work shed sq.mtrs

RENTED

0

Rs.

Equipment

:

Rs.

30,000.00

10MHZ Oscilloscope, Multimeters, Drilling Machines (1/4"), Coil Winding machine (Manual), Hand Tools/Jigs/Fixtures, Office equipment & Furniture, Pre-operative expenses etc.

Total Capital Expenditure

Rs.

30,000.00

b Working Capital

Rs.

100,000.00

TOTAL PROJECT COST :

Rs.

130,000.00

3 Estimated Annual Production Capacity:

(Rs. in 000)

Sr.No.	Particulars	Capacity in tons	Rate	Total Value
1	ELECTRONIC FAN REGULATOR & LIGHT DIMMERS	10000.00		609.20
TOTAL		10000.00	0.00	609.20

4 Raw Material : Rs. 300,000.00

5 Labels and Packing Material : Rs. 48,000.00

6 Wages (1-Skilled) : Rs. 36,000.00

7 Salaries (1-Manager) Rs. 72,000.00

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8	Administrative Expenses	:	Rs.	50,000.00
9	Overheads	:	Rs.	20,000.00
10	Miscellaneous Expenses	:	Rs.	66,000.00
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.	13,000.00
	Total Interest		Rs.	16,900.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	192,200.00
	Variable Cost		Rs.	417,000.00
	Requirement of WC per Cycle		Rs.	101,533.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	192.20	115.32	134.54	153.76
2	Variable Cost	417.00	250.20	291.90	333.60
3	Cost of Production	609.20	365.52	426.44	445.66
4	Projected Sales	800.00	480.00	560.00	640.00
5	Gross Surplus	190.80	114.48	133.56	152.64
6	Expected Net Surplus	188.00	111.00	131.00	150.00

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..