

KHADI & VILLAGE INDUSTRIES COMMISSION **PROJECT PROFILE FOR GRAMODYOG ROJGAR YOJANA**

PRODUCTION OF VOLTAGE STABILISER

Eversince the introduction of Rural Electronics programme under KVIC during 1990, the production of voltage stabiliser has been started through the agies of KVIC. Due to the fluctuation of voltages in rural areas the stabilisers has become very essential to safeguard the equipments like T.V., Fridge, Computers, Music Systems etc:- Hence the demand for different capacity of voltage stabilisers and back-ups are increasing.

1	Name of the Product	:	Voltage Stabiliser
2	Project Cost	:	
	a Capital Expenditure		
	Land	:	Own
	Building Shed 1000 Sq.ft	:	Rs. 200000.00
	Equipment	:	Rs. 175000.00
	(Trans. Winding m/c, Variac, Multimeter dig. & Analog, Ammeter, Furnace, Oscilloscope, Laboratory equipment etc.)		
	Total Capital Expenditure	Rs.	375000.00
	b Working Capital	Rs.	158000.00
	TOTAL PROJECT COST	: Rs.	533000.00

3 Estimated Annual Production of Voltage Stabiliser : (Value in '000)

Sr.No.	Particulars	Capacity	Rate	Total Value
1	Voltage Stabiliser	1300.00 Nos.		635.50
	TOTAL	1300.00		635.50

4	Raw Material	:	Rs. 250000.00
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5	Lables and Packing Material	:	Rs.	10000.00
6	Wages (Skilled & Unskilled)	:	Rs.	150000.00
7	Salaries	:	Rs.	72000.00
8	Administrative Expenses	:	Rs.	30000.00
9	Overheads	:	Rs.	30000.00
10	Miscellaneous Expenses	:	Rs.	20000.00
11	Depreciation	:	Rs.	27500.00
12	Insurance	:	Rs.	3750.00
13	Interest (As per the PLR)			
	a. C.E.Loan		Rs.	48750.00
	b. W.C.Loan		Rs.	2540.00
	Total Interest		Rs.	69290.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	174500.00
	Variable Cost		Rs.	460540.00
	Requirement of WC per Cycle		Rs.	158760.00

15 Estimated Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	174.00	104.00	122.50	139.00
2	Variable Cost	461.00	276.60	322.20	368.80
3	Cost of Production	635.00	381.60	444.70	508.80
4	Projected Sales	800.00	480.00	560.00	640.00
5	Gross Surplus	164.00	98.40	115.30	131.20
6	Expected Net Surplus	137.00	71.00	88.00	104.00

- Note :
1. All figures mentioned above are only indicative and may vary from place to place.
 2. If the investment on Building is replaced by Rental Premises
 - a. Total Cost of Project will be reduced.
 - b. Profitability will be increased.
 - c. Interest on C.E.will be reduced.