Khadi and Village Industries Commission Mumbai

PROJECT PROFILE ON INVERTER ASSEMBLY

Introduction :

Inverter unit is used as a stand by power source during the power failure. Inverter is also used or load shearing. Inverter provide a continuous, content and reliable power supply to the divices and systems, which can be damaged by the electrical fluctuation. The inverter will have the following features : AutoStart/Stap, Compact size, Pollution free, Noise free, Prolonged bettery life, Deep - discharge protection, Over load protection, Stable voltage frequency, Reverse polanity protection, Over - charge protection , Latest high frequency based PWM MOSFET Technology, Short Circuit Protection can be filted directly to mains.

1 Name of the Product : INVERTER ASSEMBLY

2 Project Cost :

a	Capital Expenditure				
	Land		:		**Own**
	Work shed in sq.ft	rented	0	Rs.	-
	Equipment		:	Rs.	42,000.00
	Multimeters , Soldering Stations, Test Bench, Component crack, PCB Zig,. Variac, Meggar, Working Stools, Tool Kit, Extension Cord, Megger, Battery, Office Equipment and furniture Pre-operative expenses etc.				
	Total Capital Expenditure			Rs.	42,000.00
b	Working Capital			Rs.	225,000.00
	TOTAL PROJECT COST :			**Rs.**	**267,000.00**

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

Sr.No.	Particulars	Capacity in No./Q.	Rate	Total Value
1	INVERTER ASSEMBLY	300 Nos.	4062.00	1218.88
TOTAL		**0.00**	**4062.00**	**1218.88**

4	**Raw Material**	**:**	**Rs.**	**744,000.00**
5	**Labels and Packing Material**	**:**	**Rs.**	**60,000.00**
6	**Wages (1-Skilled)**	**:**	**Rs.**	**100,000.00**
7	**Salaries (1-Manager)**		**Rs.**	**120,000.00**

8	Administrative Expenses	:	Rs.	75,000.00
9	Overheads	:	Rs.	60,000.00
10	Miscellaneous Expenses	:	Rs.	25,000.00
11	Depreciation	:	Rs.	4,200.00 .
12	Insurance	:	Rs.	420.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	5,460.00
	b. W.C.Loan	:	Rs.	29,250.00
	Total Interest		Rs.	34,710.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	225,880.00
	Variable Cost		Rs.	993,250.00
	Requirement of WC per Cycle		Rs.	203,188.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	225.88	135.53	158.12	180.70
2	Variable Cost	993.00	595.80	695.10	794.40
3	Cost of Production	1218.88	731.33	853.22	875.80
4	Projected Sales	1550.00	930.00	1085.00	1240.00
5	Gross Surplus	331.12	198.67	231.78	264.90
6	Expected Net Surplus	327.00	194.00	228.00	261.00

Note : 1.All figures mentioned above are only indicative.
2.This is model project profile for guidence
3.Cost of Project, and its profitability will be changed depends on the area, availability of raw Material, man power, power requierement and various other factors etc..