

ELECTRIC PHASE CHANGERS

1. INTRODUCTION

Electric phase changers are common now wherever 3 phase electric connection is available. It is to bring supply of electricity to the phase, if the phase does not have the supply. With EPC regular supply of electricity in all phases will be ensured. It is an automatic system.

2. RAW MATERIALS

Hylan sheet, M.S. sheets, rotary switch, L.E.D, screw, nut, paint, thinner etc.

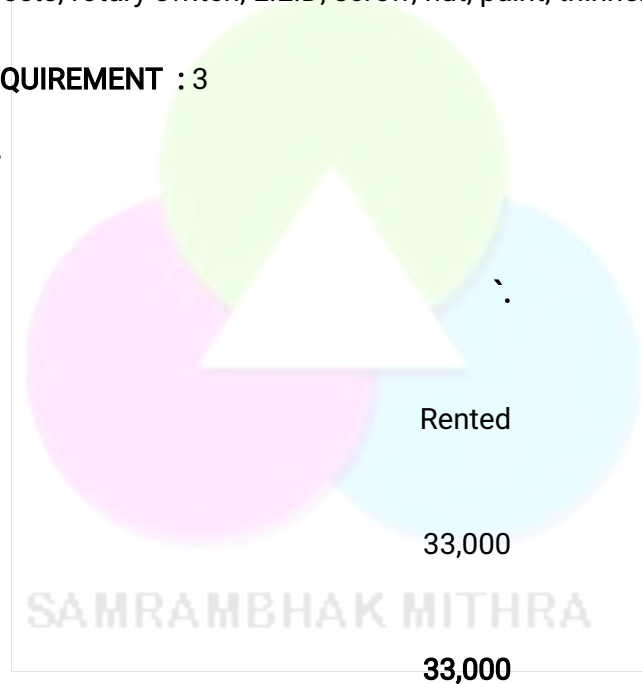
3. MANPOWER REQUIREMENT : 3

4. PROJECT COST

A. Fixed Capital

Land & Building

Plant & Machinery



B. Working Capital (per month)

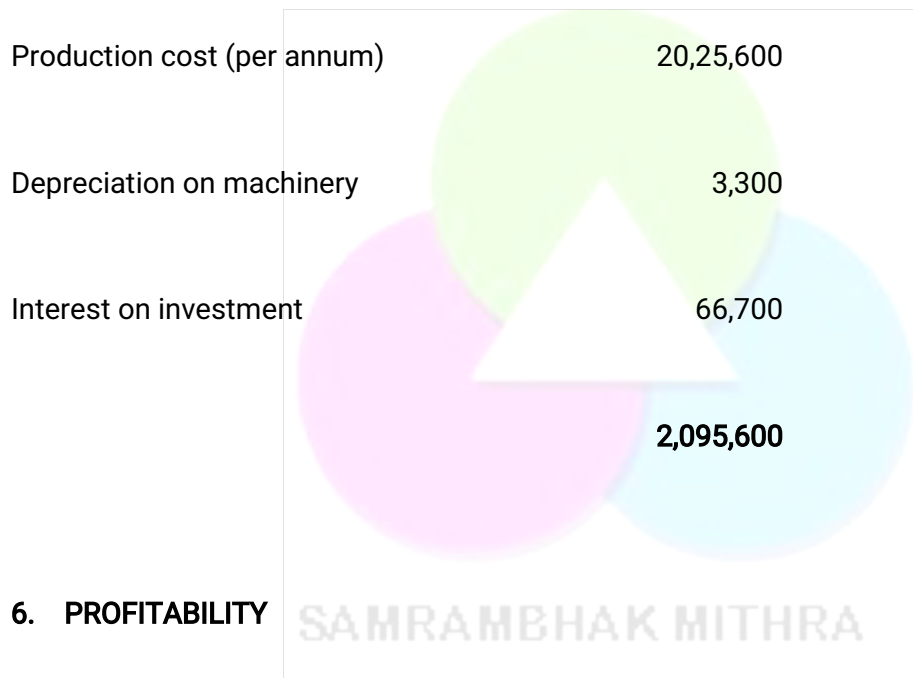
Raw Material & Packing 1,64,000

Salary & wages 3,000

Other expenses	1,800
	1,68,800
Total (A+B)	2,01,800

5. COST OF PRODUCTION

(₹)



Sales turnover	Rs. 24,50,000
Production cost	Rs. 20,95,600
Annual profit	Rs. 3,54,400
Percentage of profit on Investment	93.71%

Market potential :

The major consumption of this device is from industrial users and commercial establishments drawing supply from high tension lines. With power availability on all phases not that reliable in the country, and the state in particular, there is every reason why these establishments should have the devices for automatic changing of phase during partial phase failures. Also, with higher degree of automation being achieved in the country in general, these devices are essential to ensure regular power supplies where there is continuous operation/process. The main demand is bound to come from industries & commercial establishments. Tie-ups and demand assessment needs to be carefully carried out.

Annual Production capacity : 6000Nos.

List of Plant, Machinery & equipment :

- 1 Compressor
- 2 Gun for spray paint
- 3 Plastic cutting machine
- 4 Buffing machine
- 5 Tools
- 6 Hand drill

