

ADD-ON CARDS

1. INTRODUCTION

Add on cards improve system flexibility by providing interlinking capabilities for electronic systems especially in the fields of telecommunications, computers and instrumentation. These are used in data storage, process control, product testing and metrology. There is huge demand for the product and a high percentage is being imported today. In a way, it can be said that the growth for demand for add-on cards is in direct proportion to the growth of the computer industry.

2. RAW MATERIALS

ICs and semiconductors, resistors, capacitors, PCB, card connectors etc.

3. MANUFACTURING PROCESS

- a. Components are assembled on PCB as per design.
- b. Wave soldering is done to mate the components with the circuit.
- c. The circuit is then tested for performance.
- d. The products are packed and despatched.

4. MANPOWER REQUIREMENT : 8

5. PROJECT COST

| | |
|--|-----------------|
| A. Fixed Capital | Rs. |
| Land & Building | Rented |
| Plant & Machinery | 5,00,000 |
| Total | 5,00,000 |
| B. Working Capital (per month) | |
| Raw Material & Packing | 16,50,000 |
| Utilities | 3,000 |
| Salary & wages | 18,000 |
| Other expenses | 15,000 |

| | |
|--------------------|------------------|
| Total | 16,86,000 |
| Total (A+B) | 21,86,000 |

6. COST OF PRODUCTION / ANNUM

| | |
|--------------------------------|--------------------|
| | (Rs.) |
| Raw materials etc. (per annum) | 2,02,32,000 |
| Depreciation on machinery | 49,000 |
| Interest on investment | 6,54,000 |
| Total | 2,09,35,000 |

7. PROFITABILITY

| | |
|--|-------------|
| Sales turnover | 2,40,00,000 |
| Operating expenses | 2,09,35,000 |
| Annual profit | 30,65,000 |
| Percentage of profit on investment / sales | 55% |

Market potential :

As there is no end for computer and communication revolutions, the requirement for various Add on Cards is very high. The requirement of these cards is in proportion with the growth of telecom, computer and process control instrumentation sectors. Day by day more and more cards are developed and as long as the mother industry of computer, communication and instrumentation and instrumentation continue to grow, the demand for various application hardware add on cards will continue.

Annual Production capacity:

It is envisaged to produce goods worth Rs. 2,40,00,000/-

List of Plant, Machinery & Equipment :

- 1 Wave soldering machine

- 2 Antistatic facility
- 3 Ultrasonic cleaner
- 4 Air dryer
- 5 Portable grinder
- 6 Illuminated magnifiers.