

CLINICAL LABORATORY

1. INTRODUCTION

Clinical laboratory is opened at nearby place of every hospital or nursing home in city, district headquarter, town and large villages. Pathological examination for blood, urine, etc will be done for accurate diagnosis of the disease and also many doctors are prescribing for these kind of tests regularly. Qualified laboratory technicians in clinical laboratories will carry out these tasks.

2. MARKET

There is a good demand for clinical laboratories in leading commercial centres of tribal areas. In almost all the important places, these kind of services are required.

3. MANUFACTURING PROCESS

Each test is based on the pathological experiment specified for the sample as per the medical science.

4. PRODUCTION CAPACITY PER ANNUM

Capacity 3000 tests
Selling Price Rs. 30 per test

5. PROJECT COST/CAPITAL INVESTMENT

S.No	Description	Amount Rs.
1	Preliminary & Preoperative Expns	2000
2	Fixed Capital	20300
3	Working Capital for 3 month(s)	16200
	Total Project Cost	38500

6. MEANS OF FINANCE

S.No	Description	%age	Amount Rs.
1	Promoter Contribution	15%	5775
2	Subsidy/Soft Loan	20%	7700
3	Term Loan	65%	25025
	Total		38500

7. FINANCIAL ASPECTS

A. FIXED CAPITAL

i. Land and Buildings Rented 1000 per month

ii. Machinery and Equipment

S.No	Description	Unit	Qty.	Rate	Amount Rs.
1	Calimeter	Nos.	1	5500	5500
2	Microscope	Nos.	1	3000	3000
3	Electric centrifuge	Nos.	1	1800	1800
4	Electric oven	Nos.	1	1000	1000
5	Refrigerator	Nos.	1	6000	6000
6	Test tubes, slides, etc	Nos.	1	1000	1000
7	Furniture	Nos.	LS		2000
	Total				20300

B. WORKING CAPITAL

i. Salaries & Wages (per month)

S.No	Description	Nos.	Sal/mon.	Amount Rs.
1	Technician/Entrepreneur	1	3000	3000
	Total			3000

ii. Raw Material (per month)

S.No	Description	Unit	Qty.	Rate	Amount Rs.
1	Chemicals	LS			700
	Total				700

iii. Utilities (per month)

S.No	Description	Unit	Amount Rs.
1	Power	LS	300
2	Water	LS	100
	Total		400

iv. Other Expenses (per month)

S.No	Description	Amount Rs.
1	Postage & Stationery Expenses	100
2	Transportation Expenses	100
5	Miscellaneous Expenses	100
	Total	300

v. Total Working Capital (per month)

S.No	Description	Amount Rs.
1	Rent	1000
2	Salaries and Wages	3000
3	Raw Material	700
4	Utilities	400
5	Other Expenses	300
	Total	5400

8. COST OF PRODUCTION (PER ANNUM)

S.No	Description	Amount Rs.
1	Total Working Capital	64800
2	Depreciation @ 15%	3045
3	Interest @ 12%	3003
	Total	70848

9. TURNOVER (PER YEAR)

S.No	Description	Unit	Qty.	Rate Rs.	Amount Rs.
1	Clinical Tests	tests	3000	30	90000
	Total				90000

10. FIXED COST (PER YEAR)

S.No	Description	Amount Rs.
1	Depreciation	3045
2	Interest	3003
3	Rent	12000
4	Salaries & Wages @ 40%	14400
5	Other Expenses incl. Utilities @ 40%	3360
	Total	35808

11. PROFIT ANALYSIS & RATIOS

1	Net Profit	Rs.	19152
2	Percentage of Profit on Sales		21%
3	Percentage of Return on Investment		50%
4	Break Even Point		65%