AMMONIA (BLUE) PRINT

I. INTRODUCTION:

There is good demand and need for ammonia(blue) prints in any part of the country, since there is a very good rapid growth of construction activity. Before commencing of the construction work, the plans will be approved by Panchayat Municipality/HUDA. For getting approvals of the plan, individuals/organisations require a number of copies. Even after approval also number of copies are required for obtaining financial assistance/electrical supply and water supply) connections, etc. the copies of plan can be obtained by Ammonia(Blue)print process.

II. MARKET POTENTIAL

In view of the demand/appreciable change in the different type of constructions like own residential houses, flats and commercial complexes etc. there is a good scope for Ammonia(Blue)prints units in towns and major villages. Apart from building plans, factory shed plan with complete details, machinery drawings- with complete details and electrical diagrams - ammonia(Blue) print unit will be in good demand.

III. BASIS AND PRESUMPTIONS:

Working Hours per day. 8 hours
Working days in an year. 300 days
Cost of utilities is as assumed at old tariff

I V. IMPLEMENTATION SCHEDULE:

The unit can be set up in two months time

V. TECHNICAL ASPECTS:

1.Process of Manufacturing:

The original drawn plans to be placed on Ammonia paper and exposed through ultra violet rays. Then the exposed Ammonia paper is developed in a Ammonia Chamber for few minutes. The completely developed Ammonia print is then neatly trimmed on a trimming machine.

2.Quality Specification :

As per customers specification

3.Production Capacity

Ammonia Rolls of 10 Mt. Sq. 1200 rolls.
Capacity utilisation 50%
Quantity: 600 rolls(10 mt. Sq)
Value: Rs.108000

VI. TOTAL CAPITAL INVESTMENTS

S.No	Description	Value Rs.
1	Fixed Capital	48500
2	Working capital for 6 months	40380
	Total cost	88880

VII. MEANS OF FINANCE

1.Promoter's Contribution (5% of total cost) 4444
2.PMRY subsidy (15% of total cost or Rs.7500,whichever is less) 7500
3.Bank loan[total cost-(Promoter's Contribution+ PMRY subsidy) 76936

VIII. FINANCIAL ASPECTS

1. FIXED CAPITAL

i) Land & Buildings: Rented 100 sft covered premises for a rent of Rs.700 pm
ii) Machinery & Equipment

S.No	Description	Quantity	Value Rs.
1	Kohinoor Ammonia prints machine with developing chamber	1 no.	20000
2	MS Stand	1 no.	5000
3	Kilburns trimming M/c of 1 meter length		10000
4	Exhaust fan	1 No	1000
5.	Wooden table	1 no	2500
6.	Others		5000
7	Pre-operative expenses		5000
	Total		48500

2. WORKING CAPITAL

i) Staff & Labour per month

S.No	Designation	No	@ Rs.	Value Rs.
1	Owner	1	1500	1500
2	Helper	1	1000	1000
	Total			2500

ii) Raw Material(p.m.)

S.No	Description	Quantity	Value Rs.
1.	Ammonia rolls @ Rs.60	50 rolls	3000
2.	Ammonia Liquid @ Rs.15 per litre	2 litres	30
	Total		3030

iii. Utilities per month

S.No.	Description	Value Rs.
1	Power	200
2	Water	50
	Total	250

iv. Other expenses per month

S.No	Description	Value Rs.
1.	Other Overheads	250
	Total	250

v. Total working capital per month

S.No	Description	Value Rs,.
1	Rent	700
2	Staff and labour	2500
3	Raw materials	3030
4	Utilities	250
5	Other expenses.	250
	Total	6730

IX. COST OF PRODUCTION PER ANNUM

S.No	Description	Value Rs.
1	Total working capital.	80760
2	Depreciation on machinery @ 10%	4350
3	Interest on total capital investment	13332
	Total	98442

X. TURNOVER PER YEAR

S.No	Item	Quantity	Rate	Value Rs.
1	Ammonia Print	600 rolls	200	120000
	Less:10%handling loss			12000
	Total			108000

XI. FIXED COST PER YEAR

S.No	Description	Value Rs.
1	Depreciation	4350
2	Interest	13332
3	Rent	8400
4	40% of salaries & wages	12000
5	40% of other expenses (utilities & OE)	2400
	Total	40482

XII. PROFIT ANALYSIS

Net Profit : sale-total cost=108000-98442=9558
% of Profit on Sale: Profit / Sale x100=9606/108000]100=8.85%
% of Return on Investment: Profit / (Investment) x 100=9558/88880 =10.75%
Break-Even Analysis : FC / (FC+Profit) x100=40482/50040=80.90%

XIII. MACHINERY SUPPLIERS

Locally available