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Feasibility Study Format						
PRODUCTION SPECIFICATION	DESCRIPTION					
OPERATION						
PRODUCTION	Out Put :- Vol. Or Wght	10000				
	:- Value	200	US\$ x million/year			
	Shifts	3	No			
	Operating Days	300	Days/Year			
MARKETING	Sale Geographic Area	Change this as required (USA,UAE,...)				
	Sale Outlets	Change this as required (USA,UAE,...)				
	GCC Market	Change this as required (USA,UAE,...)				
	Export Market	Change this as required (USA,UAE,...)				
TECHNOLOGY	Type	Change this as required (Stand Alone)				
	Description (process)	Change this as required (Shifts)				
	Sources	Change this as required (USA,UAE,...)				
RAW MATERIALS	Imported	Change this as required (USA,UAE,...)				
	Local	Change this as required (UAE,...Or.)				
UTILITIES	General comment	Change this as required (BlaBla)				
	Electricity	46000	kwh /year			
	Water	45000	M3/year			
	Fuel	50000	Tons/year			
MANPOWER	Administration	2	No			
	Production	9	No			
	Total	11	No			
INVESTMENT	Cost Item	\$US Mill				
	Total(without land)	190000	Transport&Furniture	0		
	Installed Equipments	190000	Working Capital	198850		
	Civil/Buildings	0	Pre-production Cost	30		
CONSTRUCTION PERIOD		Months	17			
Viability Indicators	IRR(E)%	8.14186617	ARR%	96.745	IRR%	8.1842
PROFITABILITY	Operating margin %	1613.79606				
	Equibl. Point	0.30584612				
	Payback Period in years	12.2187193				
	Gross Added Value	3080.5				
	Net Added Value	3055.5				

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Raw Materials				
Items	Unit	Q X1000	Cost \$	Total X1000
Final Product	M3	10		
Change this raw material	Ton	2.5	100	250
Change this raw material	Kg	0.4	230	92
Change this raw material	M3	3	20	60
Change this raw material	Tons	3.2	45	144
Change this raw material	Tons	1.25	20	25
Total Cost				571
			571000	

Utility Requirements				
Item	Unit	Q/Year X1000	Cost \$	Total \$ X1000
Electricity	Kwat	23	2	46
Water	M3	45	1	45
Fuel	Gallon	50	1	50
Total Cost				141
			141000	

Labor Requirements			
Item	No Labors	Salary \$/Month	Total \$ X1000
Skilled Labors	2	400	9.6
Unskilled Labors	7	250	21
Administration Staff	1	800	9.6
Management Staff	1	1600	19.2
Total Cost			59.4
		59400	

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Other Expenses	
Item	Value \$ X1000
Administration Expenses	24
Transportation	36
Furniture	20
Rent	300
Selling Expenses	50
Other Expenses	10
Travel Expenses	10
Bank charges	20
Other Pre-production Costs	30

Working capital estimates are based on the following guidelines:

Allowances		
Item		Allowances
Imports	Days	45
Local	Days	60
Spare parts	Months	12
Accounts payable	Days	90
Accounts receivable	Days	90

Investment :

Fixed Investment	
Item	Total Cost \$x1000
Rent per year	300
Civil/Buildings (If any)	0
Equipments	190
Transportation	36
Furniture	20
Pre-Production	30
TOTAL	576
	576000

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Cost of Services	
Item	Total Cost \$x1000
Utility	141
Telephones&Mails	12
Spare parts	12
TOTAL	165
	165000

Working Variable Cost	
Item	Total Cost \$x1000
Cost of services	165
Salaries	59.4
Raw materials	571
TOTAL	795.4
Working Capital(3months)	198.85
	198850

Cost of Machinery	
Items	Value\$ X1000
Equipment FOB)	135
Freight	10
Installation	20
License Fees	25
Total Equipment	190
	190000

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Depreciation			
Item	Percent %	Cost \$x1000	Total Cost \$x1000
Equipments	10	190	19
Transportation	10	36	3.6
Furniture	20	20	4
TOTAL			26.6
		26600	

Fixed Cost			
Item	Total Cost \$x1000	100% Loan	60% Loan
Depreciation	26.6		
Maintenance	10		
Insurance	10		
Rent	300		
Expenses	10		
Interest	15	25	15
TOTAL	371.6	371.6	361.6
371600			

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Investment Cost Summary		
Items	Value \$1,000	Percent %
Equipment FOB)	135	28.43003054
Freight	10	2.105928188
Installation	20	4.211856376
License Fees	25	5.26482047
Total Equipment	190	40.01263557
Civil/Buildings	0	0
Transport	36	7.581341476
Furniture	20	4.211856376
Total Fixed Invest.	246	51.80583342
Pre-production C	30	6.317784564
Working Capital	198.85	41.87638202
TOTAL	474.85	100

PROJECT PROFITABILITY

Over View			
Item	Total Cost X1000	Quantity x1000	Sell. Cost \$
Fixed Cost	371.6		
Variable Cost	795.4		
TOTAL	1167		
Cost of product	116.7	10	
TOTAL Sell. Price	2000		200
Net Profit Expected	833		

The project is reviewed below in terms of :

** 100% Loan financing to be paid in Years.

** 40% equity – 60% loan financing to be paid in Years.

** Its sensitivity to price/cost changes

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Financial Results – 100% Loan Case

100% Loan Financing	
Item	\$x1000
Total Sales	2000
Production cost	116.7
Operating Profit	1883.3
Depreciation	26.6
interest	25
Cash Flow	1934.9
RATIOS(%)	
Operating Margin	1613.796058
Annual Rate of Return	96.745
Internal Rate of Return	8.184163776
Payable Period in years	12.21871931
Equilibrium Point	0.305846121
Gross Added Value	3080.5
Net Added Value	3055.5
Production Factor	9990.317969
Total Fixed Investment Factor	17.1426167

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Financial Results –Loan Case: 40% Equity – 60% Loans

40% Equity +60% Loan	
Item	\$x1000
Total Sales	2000
Production cost	116.7
Operating Profit	1883.3
Depreciation	26.6
interest	15
Cash Flow	1924.9
RATIOS(%)	
Operating Margin	1613.796058
Annual Rate of Return	96.245
Internal Rate of Return	8.14186617
Payable Period in years	12.28219648
Equilibrium Point	0.305846121
Gross Added Value	3060.5
Net Added Value	3045.5
Production Factor	9957.621788
Total Fixed Investment Factor	17.08651257

An IRR (Internal Rate of Return) for the total project is calculated at % **8.14186617**

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Over View		Study Profitability					
		100% Loan			Loan-60%+ Equity-40%		
Items	Unit	Value\$ x1000	Value\$ x1000	Value\$ x1000	Value\$ x1000	Value\$ x1000	Value\$ x1000
Produced Quantity	%	10	7.5	5	10	7.5	5
Fixed Cost	\$	371.6	278.7	185.8	361.6	271.2	180.8
Variable Cost	\$	795.4	596.55	397.7	795.4	596.55	397.7
Interest	\$	25	25	25	15	15	15
Total Cost per year	\$	1202	907.75	613.5	1182	890.25	598.5
Cost per	\$	120.2	121.033333	122.7	118.2	118.7	119.7
Selling Value	\$	200	150	100	200	150	100
Net Operating Profit	\$	-1002	-757.75	-513.5	-982	-740.25	-498.5
Depreciation	\$	26.6	19.95	13.3	26.6	19.95	13.3
Interest	\$	25	25	25	15	15	15
Cash Flow	\$	-950.4	-712.8	-475.2	-940.4	-705.3	-470.2
Raw Materials	\$	571	428.25	285.5	571	428.25	285.5
Working Capital	\$	198.85	149.1375	99.425	198.85	149.14	99.425
Fixed Investment	\$	371.6	371.6	371.6	371.6	371.6	371.6
Required Capital	\$	570.45	520.7375	471.025	570.45	520.74	471.025
Operating Margin	%	1613.796058	1210.34704	806.8980291	1613.79606	1210.3	806.898
Ann. Rate of Return	%	96.745	7.255875	4.83725	96.245	7.2559	4.83725
Internal Rate of Return	%	8.184163776	0.61381228	0.409208189	8.14186617	0.6138	0.409208
Payable Period in years	No.	12.21871931	0.91640395	0.610935966	12.2821965	0.9164	0.610936
Equilibrium Point	%	0.305846121	0.02293846	0.015292306	0.30584612	0.0229	0.015292

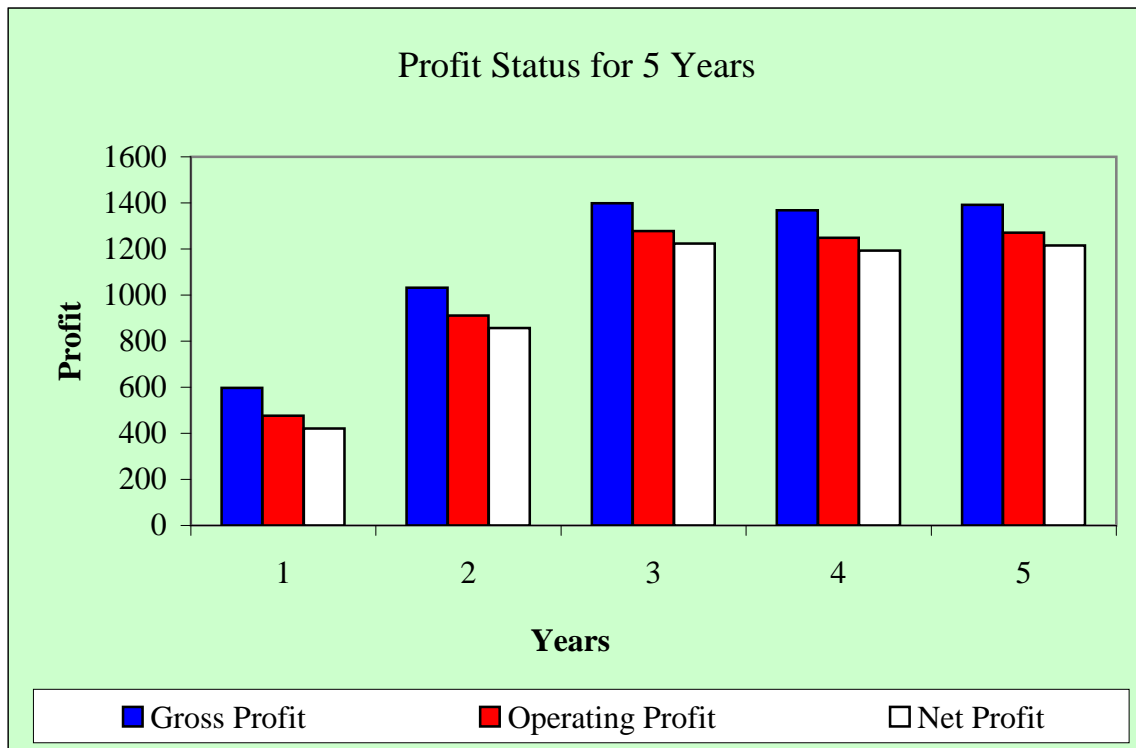
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Selling Forecast					
Details	Quantity	Country 1	Country 2	Country 3	Total
Max Production					
Produced Quantity	10				
First year production	5				50%
Estimated Sell %		85%	5%	10%	1
Quantity		4.25	0.25	0.5	5
Selling Price in \$		220	230	310	
Value in \$		935	57.5	155	1147.5
Second year production	7.5				75%
Estimated Sell %		75%	10%	15%	1
Quantity		5.625	0.75	1.125	7.5
Selling Price in \$		225	230	300	
Value in \$		1265.625	172.5	337.5	1775.625
Third year production	10				100%
Estimated Sell %		70%	20%	10%	1
Quantity		7	2	1	10
Selling Price in \$		225	230	300	
Value in \$		1575	460	300	2335
Forth year production	10				100%
Estimated Sell %		70%	20%	10%	1
Quantity		7	2	1	10
Selling Price in \$		225	220	290	
Value in \$		1575	440	290	2305
Fifth year production	10				100%
Estimated Sell %		65%	25%	10%	1
Quantity		6.5	2.5	1	10
Selling Price in \$		225	230	290	
Value in \$		1462.5	575	290	2327.5
Average Sell Value \$					1978.125

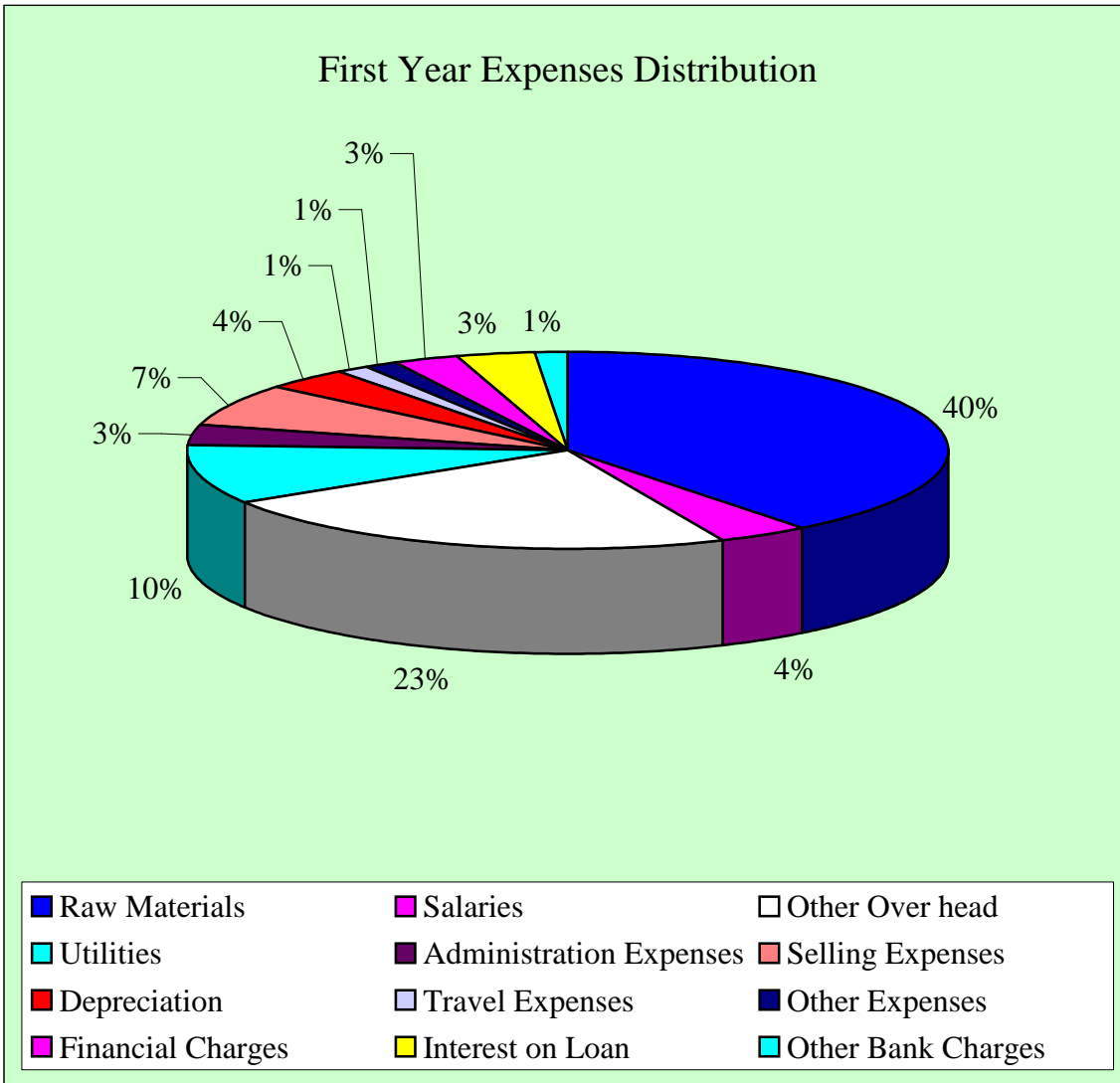
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Income Statements Forecast For Next 5 Years					
ITEMS	First year x1000	Second year x1000	Third year x1000	Forth year x1000	Fifth year x1000
Percent	50	75	100	100	100
Sells / Revenues	1147.5	1775.625	2335	2305	2327.5
Cost of product Sold:					
Raw Materials	285.5	428.25	571	571	571
Salaries	29.7	44.55	59.4	59.4	59.4
Other Over head	165	165	165	165	165
Utilities	70.5	105.75	141	141	141
Gross Profit	596.8	1032.075	1398.6	1368.6	1391.1
Administration Expenses	24	24	24	24	24
Selling Expenses	50	50	50	50	50
Depreciation	26.6	26.6	26.6	26.6	26.6
Travel Expenses	10	10	10	10	10
Other Expenses	10	10	10	10	10
Operating Profit	476.2	911.475	1278	1248	1270.5
Financial Charges	20	20	20	20	20
Interest on Loan	25	25	25	25	25
Other Bank Charges	10	10	10	10	10
Net Profit	421.2	856.475	1223	1193	1215.5
Retained Earings(Beg)	42.12	85.6475	122.3	119.3	121.55
Loan Payments			145.875	145.875	145.875
Dividend Payments		15	100	100	300
Retained Earings(End)	379.08	755.8275	854.825	827.825	648.075
Accumulative Retained E	379.08	1134.9075	1989.7325	2817.5575	3465.6325

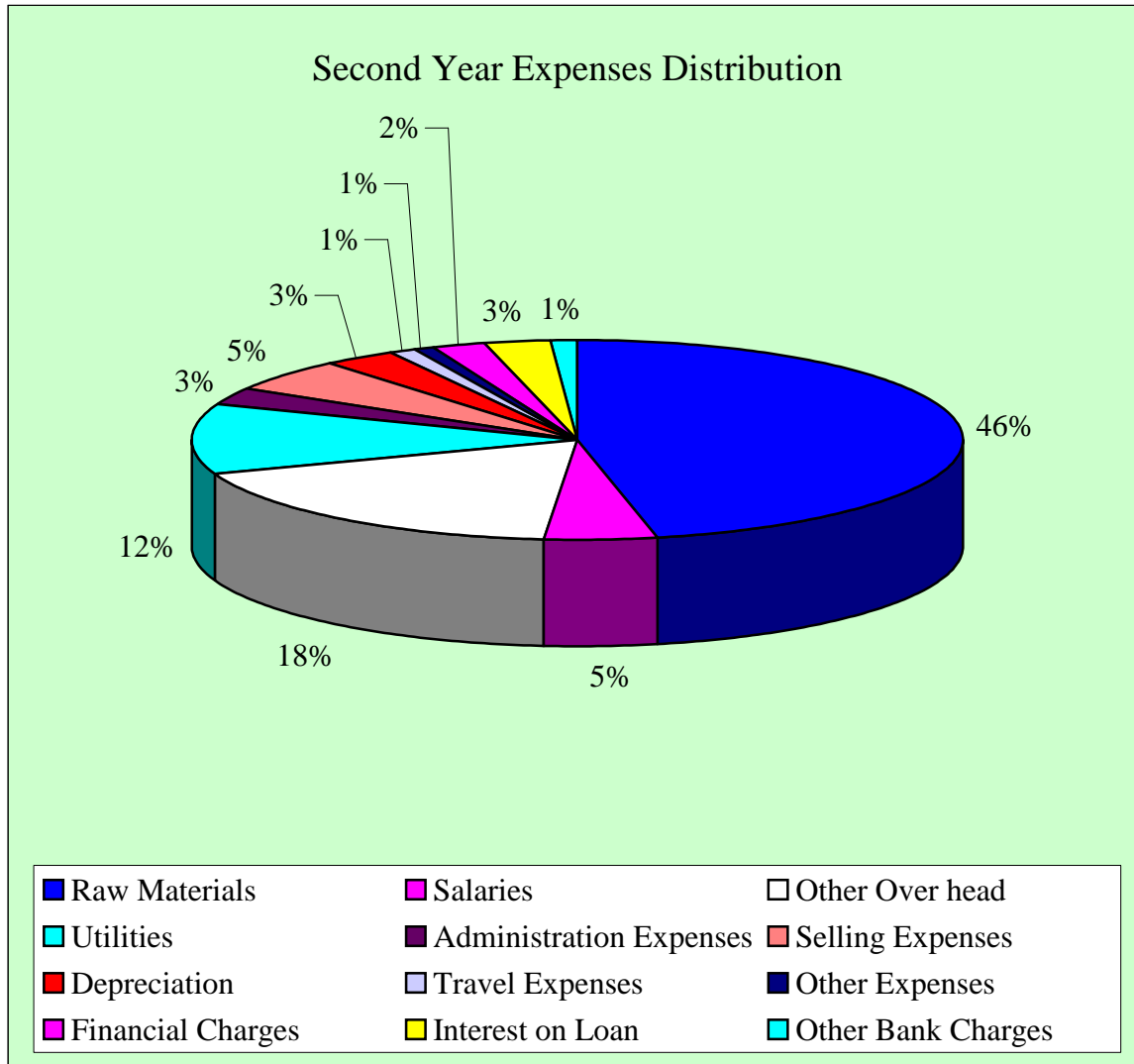
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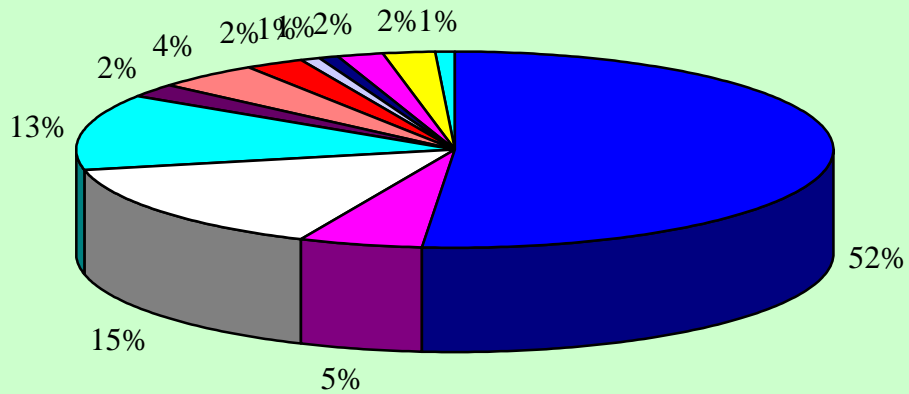


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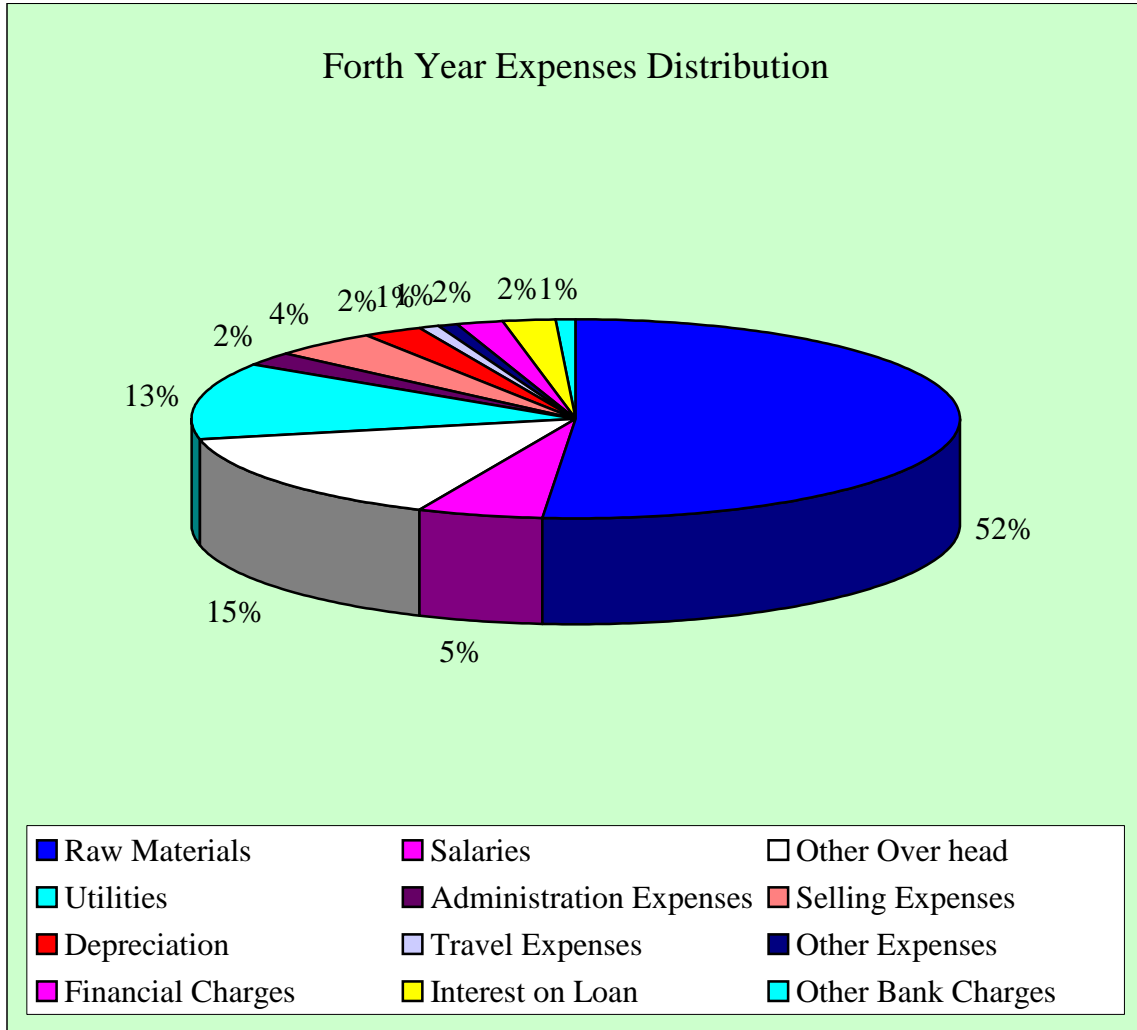
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Third Year Expenses Distribution

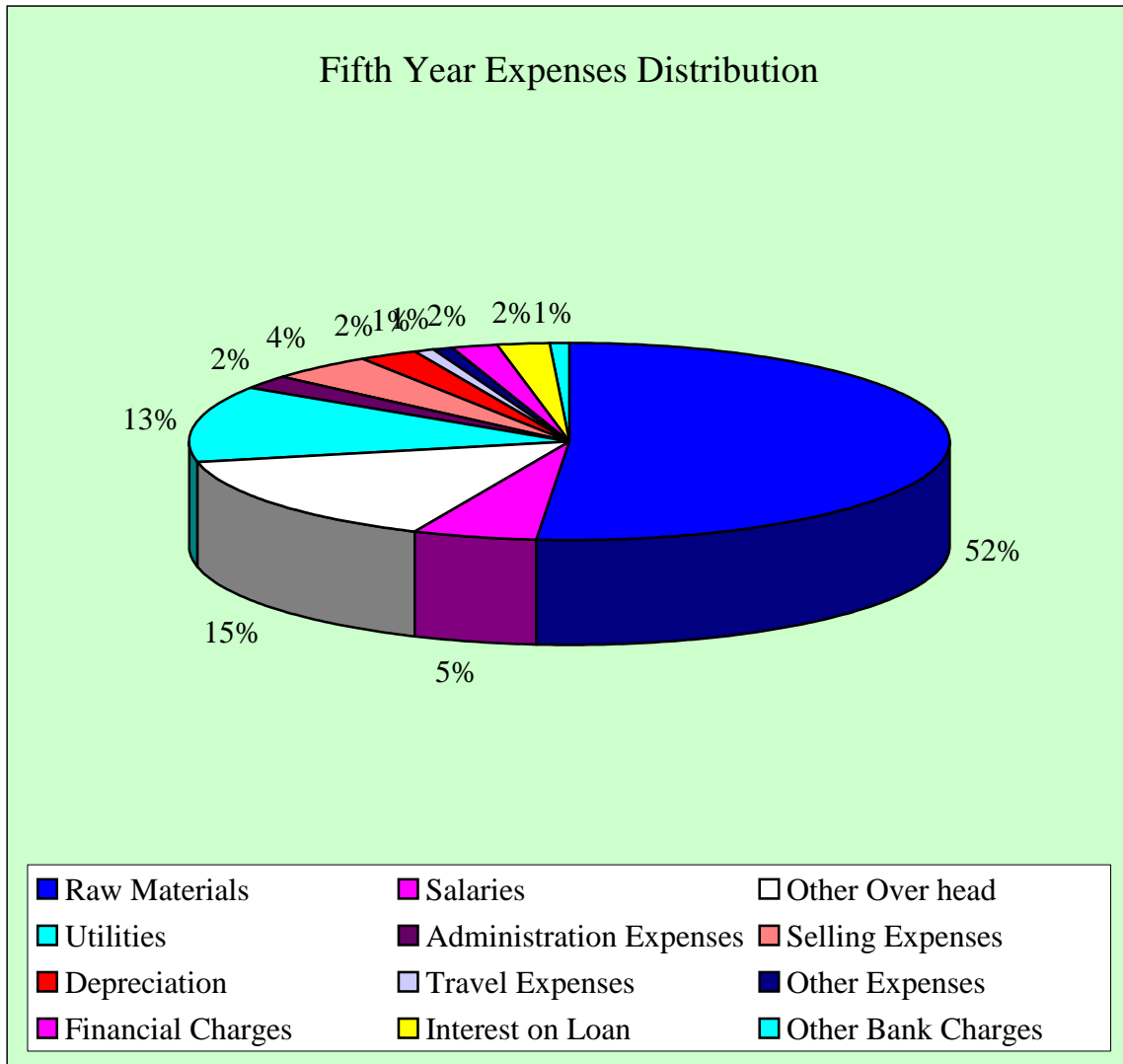


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|---------------------|---------------------------|----------------------|
| ■ Raw Materials | ■ Salaries | □ Other Over head |
| ■ Utilities | ■ Administration Expenses | ■ Selling Expenses |
| ■ Depreciation | ■ Travel Expenses | ■ Other Expenses |
| ■ Financial Charges | ■ Interest on Loan | ■ Other Bank Charges |

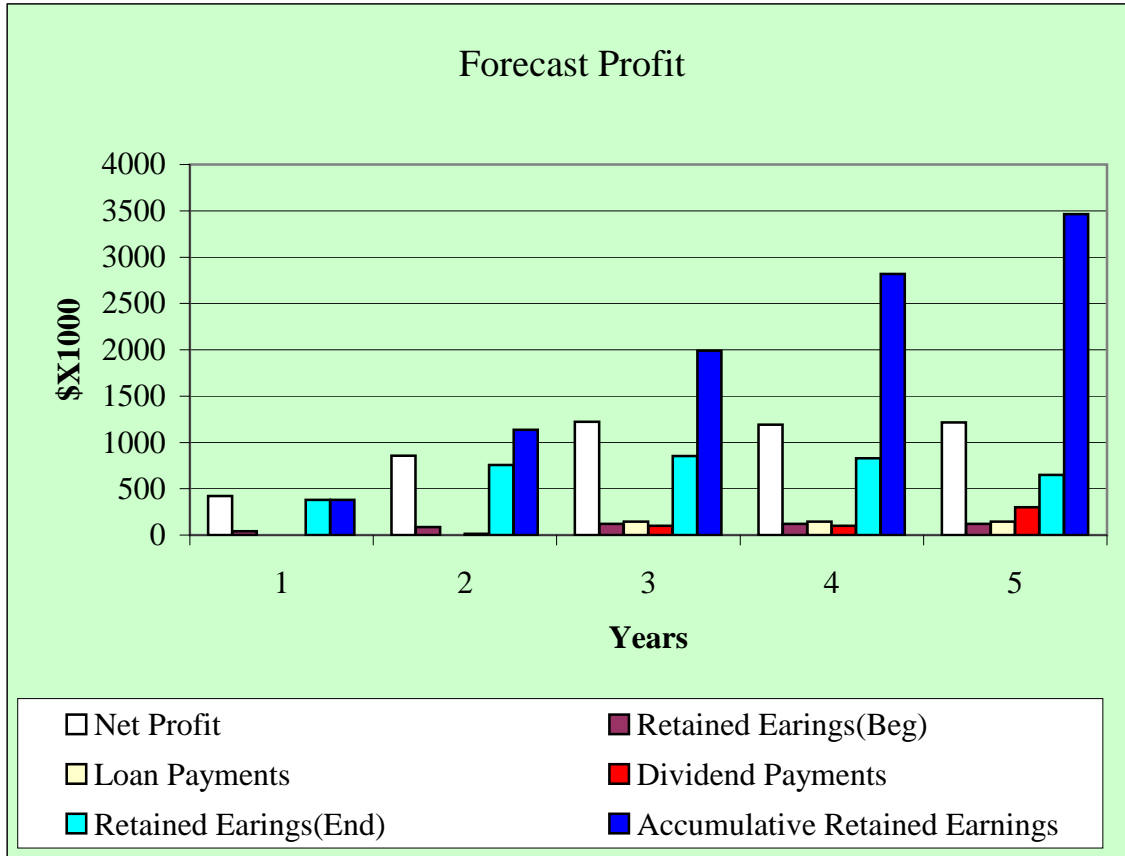
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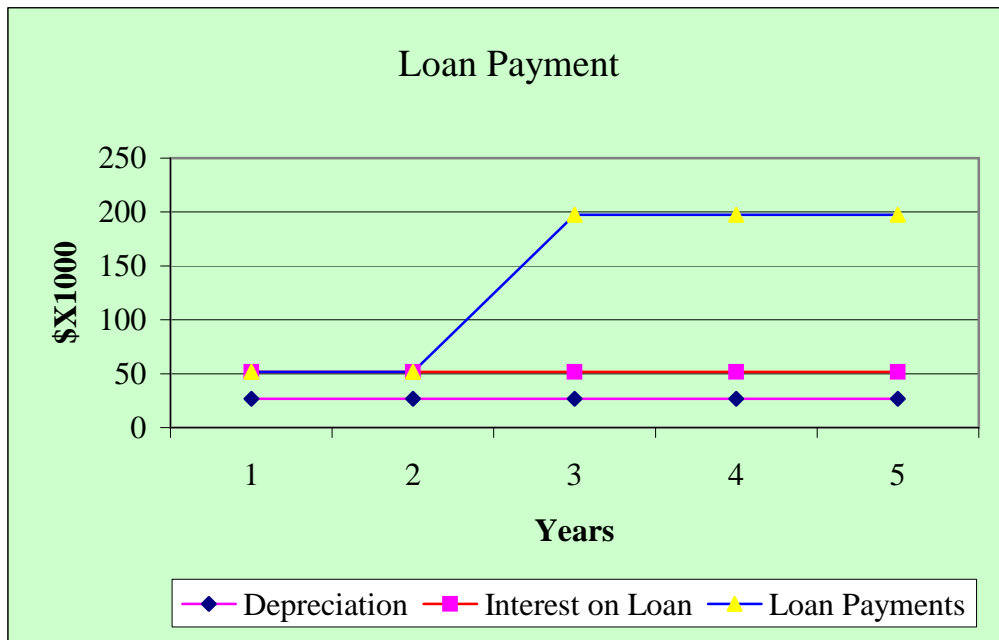
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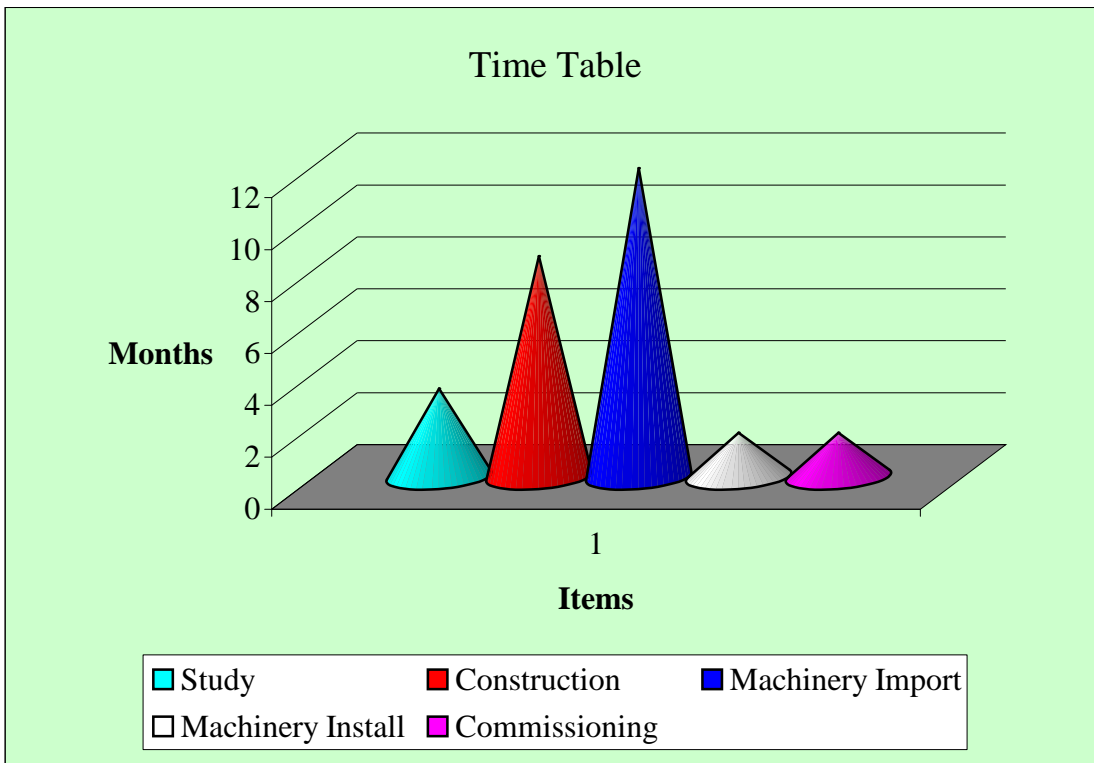


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Construction Time Table	
Item	Months
Study	3.4
Construction	8.5
Machinery Import	11.9
Machinery Install	1.7
Commissioning	1.7




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This Feasibility Study designed to be simple but complete study for any proposed project.


The idea is that to keep this format underhand for any project or industry you intend to start just Red Color Numbers and Words and you will get complete reference set of information that will help you to decide if this project profitable or not.


The colors used with these tables are for making things easy and clear, so try to read the step by step instruction in order to do your feasibility study by yourself without paying 1000 s of \$\$\$\$\$.

- 1- In order to keep this format study underhand to use it as many times as you want and when you wish, please as soon as you want to make a study go to top left corner of the page (File - Save As) and save the file with a new name in order to keep this format clean for future projects.

 This color meant to be data and information with the format it can be change if you like. It does not affect the operation steps.

 This color meant the main operation steps, unless you know what is going on please do not change or play with it.

 These blank spaces where it is required from you to fill with information. Try to make it short brief notes.

 This is the important item in the study. Be little more careful and. change the red numbers with your correct numbers without letters or symbols like ',;; or other symbols except % which you will find and try to add to the percent number that will be added. Unless you know what is going on please be very strict with these spaces in order to get correct final results.

As soon as you fill the spaces and you get the results you can change colors of any of these spaces with what you like.

- 2- This study prepared for any industrial project but at the same time it can be a study for any project with some small alterations which I hope you can do it.
- 3- Before you start filling the data try to collect information about the project you will make the study for.

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4- Raw Materials required for your plant or project. The materials going to be mixed or added to get a final product with it's packaging or any other items.

*** Final product = Quantity to the final material produced per year with it's unit of production like Ton or M3.

*** Fill the quantities going to be mixed or used in your final products item by item.

5- Try to get the real quantities going to be used of power, water and fuel or any other item.

6- This table for your expected staff in the project put their salaries in \$/Month and result will be OK.

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7- Other expenses are self explanatory.

8- These are the allowances you expect to get or to give in time periods. Like days or months.

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This is an additional study if your product can be exported to other countries .

The study can be done for three countries by % for each country, so when you want to add a percent of a country just double click the space it will open with % in. You just add the expected number of percent in front of the %. That is it. Make sure to have 100% for all countries to get the right numbers.

This study is for five years and made that for first year is only 50% and 75% for second year. Try to make all your prices in \$ in order to get the real results otherwise you make the same currency for all other items.

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This table shows the Forecast Statements for five years study with 50% production for first year, 75% for second year and 100% production for last three years. This will give the full indication for your study.

Note: Make sure to change the red color numbers to the same color of other numbers or as you like to make a nice final printable PLAN.

Finally what you see here is only a sample of feasibility study and Biz plan that you can make yours like it. This is unregistered copy. If you like to have this Biz Plan You can order your registered life time copy.

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Final Note: You can delete all instructions in order not to be included in printing. Put the mouse on Upper letters K L M N O and press left cursor and move it right to cover all these letters area to delete the instructions.

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then custom Footer**

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