

PROJECT REPORT

Of

ELECTRICAL CONTROL PANEL

PURPOSE OF THE DOCUMENT

This particular pre-feasibility is regarding **Electrical Control Panel making unit.**

The objective of the pre-feasibility report is primarily to facilitate potential entrepreneurs in project identification for investment and in order to serve his objective; the document covers various aspects of the project concept development, start-up, marketing, finance and management.

[We can modify the project capacity and project cost as per your requirement. We can also prepare project report on any subject as per your requirement.]



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ELECTRICAL CONTROL PANEL

INTRODUCTION

Simplification of engineering and precise control of manufacturing process can result in significant cost savings. The most cost-effective way, which can pay big dividends in the long run is flexible automation; a planned approach towards integrated control systems. It requires a conscious effort on the part of plant managers to identify areas where automation can result in better deployment/utilization of human resources and savings in man-hours, down time. Automation need not be high ended and too sophisticated; it is the phased, step-by-step effort to automate, employing control systems tailored to one's specific requirements that achieves the most attractive results. That is where Industrial electronics has been a breakthrough in the field of automation and control techniques. Control Panel as the name implies, are used to provide proper control of operations of any electrical equipments. These are also used to protect the electrical equipments from being damaged due to various faults like short circuit, overload and earth leakage etc.

MARKET POTENTIAL

With the electrification and industrialization and by virtue of being a functionally integral part of all electrical equipments like Motor, Generator, Transformer, Motor Control Centre, Incinerator etc. the control panel has got immense scope. The phased increase in power generation and transmission has by itself necessitated increased production of electrical equipments thereby creating a good scope for the control panel.

In the present industrial world, a flexible system that can be controlled by user at site is preferred. Systems, whose logic can be modified but still, used without disturbing its connection to external world, is achieved by PLC. Utilizing the industrial sensors such as limit switches, ON-OFF switches, timer contact, counter contact etc., PLC controls the total system. The drive to the solenoid valves, motors, indicators, enunciators, etc. are controlled by the PLCs. The above said controlling elements (normally called as inputs of PLCs) and controlled elements (called as outputs of PLCs) exist abundantly in any industry. These inputs, outputs, timers, counters, PLC cannot be used. Proper application of a PLC begins with conversion of information into convenient parameters to save money, time and effort and hence easy operation in plants and laboratories. Auxiliary contacts are integral parts of all industries. As such, it is difficult to define where a PLC cannot be used. Proper application of a PLC begins with conversion of information into convenient parameters to save money, time and effort and hence easy operation in plants and laboratories.

MANUFACTURING PROCESS

The Control Panel is sheet metal fabricated in closure open, semi-enclosed or totally enclosed type, which provide and control electric power to equipment and appliances. Provision for indicating electrical parameters like voltage, current, frequency, power factor etc. will be available on the face of the panel. Regulation of the power supply is also possible with the help of auto transformer switches and circuit breaker. The sheet metal enclosure for the Control Panel is designed and fabricated in the unit. The components are bought out from the reputed sources and fitted at appropriate places on the panel as per manufacturers design. The circuit as per the design is laid out and the control panel is tested for the proper functioning as per relevant specifications.

PROJECT DETAILS:

Basis and Presumptions:

1. The basis for calculation of production capacity has been taken of single shift basis, working of 25 days per month on 75% efficiency.
2. The maximum capacity utilization on single shift basis for 300 days a year.
3. Interest rate for Fixed and Working capital of the project has been taken at an average rate of 11 %.
4. Land and Building is owned and Cost of Plant and Machinery has been taken as per prices prevailing in the market.
5. The wages for skilled workers are taken as per prevailing rates in this type of industry.
6. The essential production machinery and test equipment required for the project have been indicated.
7. Financial Assistance required from Bank/ Financial Institutions :

Term Loan: Rs. 5.50 Lacs

Working Capital Loan: Rs. 4.00 lacs

NAME OF COMPANY**XXXX****NATURE OF ORGANIZATION****XXXX****MANAGEMENT****XXXX****REGISTERED OFFICE****XXXX****FINANCIAL ASSISTANCE REQUIRED**

Term loan of Rs. 5.50 lacs and Working Capital limit of Rs. 4.00 lacs

Particulars	Amount	Margin	Finance
Land		Owned/Rented	
Building & Civil work	2.00	0.80	1.20
Plant & Machinery	4.20	1.05	3.15
Other Assets(Furniture, Electrical Installations)	1.50	0.35	1.15
Working Capital Margin	1.50	1.50	-
Grand Total	9.20	3.70	5.50

SOURCES OF FUND

PARTICULARS	TOTAL
Capital/Internal Accrual	3.70
Term Loan	5.50
Grand Total	9.20

PROJECTED BALANCE SHEET

PARTICULARS	I	II	III	IV	V
	Proj	Proj	Proj	Proj	Proj
<u>SOURCES OF FUND</u>					
Capital A/c					
Opening Balance	-	6.31	9.41	13.41	18.21
Add: Addition	3.70	-	-	-	-
Add: Net Profit after tax	3.61	4.60	5.74	6.81	8.47
Less : Drawings	1.00	1.50	1.75	2.00	2.25
	6.31	9.41	13.41	18.21	24.43
Term Loan	4.90	3.70	2.50	1.30	-
Current Liabilities					
Working Capital Limit	4.00	4.00	4.00	4.00	4.00
Sundry Creditors	2.41	2.89	3.38	3.86	4.34
Other Current Liabilities	1.00	1.10	1.21	1.33	1.46
TOTAL :	18.62	21.11	24.49	28.70	34.24
<u>APPLICATION OF FUND</u>					
Fixed Assets (Gross)	8.00	8.00	8.00	8.00	8.00
Gross Dep.	0.99	1.85	2.58	3.22	3.77
Net Fixed Assets	7.01	6.16	5.42	4.79	4.24
Stock	6.01	10.41	14.81	19.22	24.62
Sundry Debtors	2.85	3.42	3.99	4.56	4.63
Cash and Bank	2.75	1.12	0.27	0.14	0.75
TOTAL :	18.62	21.11	24.49	28.70	34.25
	-	-	-	-	-

PROJECTED PROFITABILITY STATEMENT

PARTICULARS	I	II	III	IV	V
	Proj	Proj	Proj	Proj	Proj
Capacity Utilization	50%	60%	70%	80%	90%
<u>SALES</u>					
Revenue from Operations	57.00	68.40	79.80	91.20	102.60
Total (A)	57.00	68.40	79.80	91.20	102.60
Raw Material Purchase	40.20	48.24	56.28	64.32	72.36
Salary & Wages	3.00	3.30	3.63	3.99	4.39
Power	4.00	4.40	4.84	5.32	5.86
Other Direct Expenses	2.00	2.20	2.42	2.66	2.93
	49.20	58.14	67.17	76.30	85.54
Add: Opening Stock	-	4.00	8.00	12.00	16.00
Less: Closing Stock	4.00	8.00	12.00	16.00	21.00
	45.20	54.14	63.17	72.30	80.54
GROSS PROFIT	11.80	14.26	16.63	18.90	22.06
	20.7%	20.8%	20.8%	20.7%	21.5%
Selling & Administrative Expenses	4.85	5.81	6.78	7.75	8.72
Depreciation	0.99	0.85	0.74	0.63	0.55
Interest on Term loan	0.30	0.49	0.36	0.23	0.09
Interest on Working Capital limit	0.44	0.44	0.44	0.44	0.44
	6.58	7.60	8.32	9.05	9.80
NET PROFIT BEFORE TAX	5.22	6.66	8.31	9.85	12.26
TAX	1.61	2.06	2.57	3.04	3.79
NET PROFIT AFTER TAX	3.61	4.60	5.74	6.81	8.47
ADD : DEPRECIATION	0.99	0.85	0.74	0.63	0.55
CASH ACCRUALS	4.60	5.46	6.48	7.44	9.02

PROJECTED CASH FLOW STATEMENT

PARTICULARS	I	II	III	IV	V
	Proj	Proj	Proj	Proj	Proj
<u>SOURCES OF FUND</u>					
Incr. in Capital	3.70	-	-	-	-
Net Profit after tax	3.61	4.60	5.74	6.81	8.47
Depriciation & Exp. W/off	0.99	0.85	0.74	0.63	0.55
Incr. in Term loan	5.50	-	-	-	-
Incr. in working Capital limit	4.00	-	-	-	-
Incr. in Creditors	2.41	0.48	0.48	0.48	0.48
Incr. in Provisions	1.00	0.10	0.11	0.12	0.13
TOTAL :	21.21	6.04	7.07	8.04	9.64
<u>APPLICATION OF FUND</u>					
Incr. in Fixed Assets	8.00	-	-	-	-
Incr. in Debtors	2.85	0.57	0.57	0.57	0.07
Incr. in Stock	6.01	4.40	4.40	4.40	5.40
Repayment of Term loan	0.60	1.20	1.20	1.20	1.30
Drawings	1.00	1.50	1.75	2.00	2.25
TOTAL :	18.46	7.67	7.92	8.17	9.02
Opening Cash & Bank Balance	-	2.75	1.12	0.27	0.14
Add : Surplus	2.75	(1.63)	(0.85)	(0.13)	0.61
Closing Cash & Bank Balance	2.75	1.12	0.27	0.14	0.75

CALCULATION OF SALE AND PRODUCTION

Raw Material Details

S.No.	Particulars	Rate/Unit	Quantity	Total(In Rs.)
1	MS Sheet Angles flats	28,000.00	30.00	840,000.00
2	Instruments,Control Accessories	20,000.00	300.00	6,000,000.00
3	Terminal Strip Fuse units Etc.	-	-	675,000.00
4	Hardware items like Bolts,Nuts,Hinges spring etc.	-	-	250,000.00
5	Wiring materials, insulating materials etc	-	-	275,000.00
				<u>8,040,000.00</u>
				<u>80.40</u> Lacs

S.No.	Particulars	Qty(Nos.)	Rate (In Rs.)	Total (In Rs.)
1	Control Panel(300 L.T.)	300.00	38,000.00	11,400,000.00
	Total Turnover			<u>11,400,000.00</u>
		Or Say		<u>114.00</u> Lacs

CALCULATION OF CLOSING STOCK

PARTICULARS	I	II	III	IV	V
Raw Material	2.01	2.41	2.81	3.22	3.62
Finished Goods	4.00	8.00	12.00	16.00	21.00
	6.01	10.41	14.81	19.22	24.62

CALCULATION OF WORKING CAPITAL REQUIREMENT

(i) Projected Sales(2019-20)	57.00 Lacs
(ii) Working Capital requirement 25% of Projected Sales	14.25 Lacs
(iii) Margin 5% of projected Sales	2.85 Lacs
(iv) MPBF	11.4 Lacs
Working Capital Limit Required	<u>5.00</u> Lacs

REPAYMENT SCHEDULE OF TERM LOAN

11%

Year	Particulars	Amount	Addition	Total	Interest	Repayment	CI Balance
I	Opening Balance						
	Ist Quarter	-	5.50	5.50	0.15	-	5.50
	IInd Quarter	5.50	-	5.50	0.15	-	5.50
	IIIrd Quarter	5.50	-	5.50	0.15	0.30	5.20
	IVth Quarter	5.20	-	5.20	0.14	0.30	4.90
			5.50		0.30	0.60	
II	Opening Balance						
	Ist Quarter	4.90	-	4.90	0.13	0.30	4.60
	IInd Quarter	4.60	-	4.60	0.13	0.30	4.30
	IIIrd Quarter	4.30	-	4.30	0.12	0.30	4.00
	IVth Quarter	4.00	-	4.00	0.11	0.30	3.70
					0.49	1.20	
III	Opening Balance						
	Ist Quarter	3.70	-	3.70	0.10	0.30	3.40
	IInd Quarter	3.40	-	3.40	0.09	0.30	3.10
	IIIrd Quarter	3.10	-	3.10	0.09	0.30	2.80
	IVth Quarter	2.80	-	2.80	0.08	0.30	2.50
					0.36	1.20	
IV	Opening Balance						
	Ist Quarter	2.50	-	2.50	0.07	0.30	2.20
	IInd Quarter	2.20	-	2.20	0.06	0.30	1.90
	IIIrd Quarter	1.90	-	1.90	0.05	0.30	1.60
	IVth Quarter	1.60	-	1.60	0.04	0.30	1.30
					0.23	1.20	
V	Opening Balance						
	Ist Quarter	1.30	-	1.30	0.04	0.30	1.00
	IInd Quarter	1.00	-	1.00	0.03	0.30	0.70
	IIIrd Quarter	0.70	-	0.70	0.02	0.30	0.40
	IVth Quarter	0.40	-	0.40	0.01	0.40	0.00
					0.09	1.30	

DEPRECIATION SCHEDULE

Description	Land & Building 5.00%	Plant & Machinery 15.00%	Total
Opening Balance	0.00	0.00	0.00
Addition	2.00	5.70	7.70
Add: IDCP	0.08	0.22	0.30
	2.08	5.92	8.00
Less : Depreciation	0.10	0.89	0.99
WDV at the end of 1st year	1.97	5.04	7.01
Addition	0.00	0.00	0.00
	1.97	5.04	7.01
Less : Depreciation	0.10	0.76	0.85
WDV at the end of 2nd year	1.88	4.28	6.16
Addition	0.00	0.00	0.00
	1.88	4.28	6.16
Less : Depreciation	0.09	0.64	0.74
WDV at the end of 3rd year	1.78	3.64	5.42
Addition	0.00	0.00	0.00
	1.78	3.64	5.42
Less : Depreciation	0.09	0.55	0.63
WDV at the end of 4th year	1.69	3.09	4.79
Addition	0.00	0.00	0.00
	1.69	3.09	4.79
Less : Depreciation	0.08	0.46	0.55
WDV at the end of 5th year	1.61	2.63	4.24

PLANT & MACHINERY

S.no.	Description	Qty.Nos.	Price/Unit	Amount(InRs.)
<u>Production/Assembling Unit</u>				
1	Hand operated sheet bending machine	1	30,000.00	30,000.00
2	Guillotine Shearing Machine 1200 mm	1	65,000.00	65,000.00
3	Drilling machine 15 mm & 25 mm capacity	1	20,000.00	20,000.00
4	Bench grinder 200mm dia wheel	1	12,000.00	12,000.00
5	Arc Welding Transformer 300 Amp	1	30,000.00	30,000.00
6	Gas Welding Equipment	1	48,000.00	48,000.00
7	Hand Shearing Machine	1	8,000.00	8,000.00
8	Power Hacksaw Machine 150mm	1	15,000.00	15,000.00
9	Air Compressor with Spray Gun	1	20,000.00	20,000.00
10	Flexible Shaft Grinder	1	15,000.00	15,000.00
11	Portable Drilling Machine 15mm capacity	1	15,000.00	15,000.00
12	Fly Press No. 8	1	15,000.00	15,000.00
13	Coil Wending Machine Hand Operated	1	10,000.00	10,000.00
14	Baking Oven (600*600*600 mm)	1	22,000.00	22,000.00
15	Tools, Dies etc.	1	30,000.00	30,000.00
				355,000.00
<u>Testing Equipments</u>				
1	H.V. Tester 5 Kv	1	15,000.00	15,000.00
2	Megger 1000 DC	1	9,000.00	9,000.00
3	Multimeter	2	5,000.00	10,000.00
4	Portable Precision Volt meter with Range(0-500 volts)	1	4,000.00	4,000.00
5	Loading Renostat 0-25 Amp	3	5,000.00	15,000.00
6	L.C.R.	1	12,000.00	12,000.00
				65,000.00
			Total	420,000.00

**ASSESSMENT OF WORKING CAPITAL REQUIREMENTS
FORM I : OPERATING STATEMENT**

Particulars	I	II	III	IV	V
	Proj	Proj	Proj	Proj	Proj
	(1)	(2)	(3)	(4)	(5)
1. Gross Sales					
(i) Domestic sales	57.00	68.40	79.80	91.20	102.60
(ii) Export sales					
Add other revenue income	0.00	0.00	0.00	0.00	0.00
Total	57.00	68.40	79.80	91.20	102.60
2. Less excise duty	0.00	0.00	0.00	0.00	0.00
Deduct other items					
3. Net sales (1-2)	57.00	68.40	79.80	91.20	102.60
4. % age rise (+) or fall (-) in net sales as compared to previous year (annualised)	0.00%	16.67%	14.29%	12.50%	11.11%
5. Cost of sales					
i) Raw materials (including stores and other items used in the process of manufacture)	40.20	48.24	56.28	64.32	72.36
(a) Imported	0.00	0.00	0.00	0.00	0.00
(b) Indigenous	0.00	0.00	0.00	0.00	0.00
ii) Other spares					
(a) Imported					
(b) Indigenous	0.00	0.00	0.00	0.00	0.00
iii) Power and fuel	4.00	4.40	4.84	5.32	5.86
iv) Direct labour (factory wages & salary)	3.00	3.30	3.63	3.99	4.39
v) Direct Expenses (Incl'dg Lease Rentals)	2.00	2.20	2.42	2.66	2.93
vi) A. Depreciation	0.99	0.85	0.74	0.63	0.55
B. Royalty					
vii) SUB-TOTAL (i to vi)	50.19	58.99	67.91	76.93	86.09
viii) Add : Opening stocks-in- process	0.00	0.00	0.00	0.00	0.00
Sub-total	50.19	58.99	67.91	76.93	86.09
ix) Deduct : Closing stocks-in process	0.00	0.00	0.00	0.00	0.00
x) Cost of Production	50.19	58.99	67.91	76.93	86.09
xi) Add : Opening stock of finished goods	0.00	4.00	8.00	12.00	16.00
Sub-total	50.19	62.99	75.91	88.93	102.09
xii) Deduct closing stock of finished goods	4.00	8.00	12.00	16.00	21.00
xiii) SUB-TOTAL (Total cost 24/2 of sales	46.19	54.99	63.91	72.93	81.09
6. Selling, general and administrative expenses	4.85	5.81	6.78	7.75	8.72
7. SUB-TOTAL (5+6)	51.04	60.81	70.69	80.69	89.81
8. Operating profit before interest (3-7)	5.96	7.59	9.11	10.51	12.79
9. Interest	0.74	0.93	0.80	0.67	0.53
10 Operating profit after interest (8-9)	5.22	6.66	8.31	9.85	12.26

11. (i) Add other non-operating income					
(a) Interest on STDR					
(b) Misc. Income	0.00	0.00	0.00	0.00	0.00
SUB-TOTAL (income)					
(ii) Deduct other non-operating expenses					
(a) Exp written off					
Sub-total (expenses)	0.00	0.00	0.00	0.00	0.00
(iii) Net of other non-operating income/expenses					
12. Profit before tax/loss [10+11(iii)]	5.22	6.66	8.31	9.85	12.26
13. Provision for taxes	1.61	2.06	2.57	3.04	3.79
14. Net profit/loss (12-13)	3.61	4.60	5.74	6.81	8.47
15. (a) Equity dividend paid-amt (Already paid+B.S. provision)	0.00	0.00	0.00	0.00	0.00
(b) Dividend Rate					
16. Retained profit (14-15)	3.61	4.60	5.74	6.81	8.47
17. Retained profit/net profit (% age)	0.00	100.00	100.00	100.00	100.00

FORM III ANALYSIS OF BALANCE SHEET

LIABILITIES	I	II	III	IV	V
	Proj	Proj	Proj	Proj	Proj
	(1)	(2)	(3)	(4)	(5)
CURRENT LIABILITIES					
1. Short-term borrowings from banks(incl'd bills purchased, discounted & excess borrowing placed on repayment basis)					
(i) From applicant bank	4.00	4.00	4.00	4.00	4.00
(ii) From other bank					
(iii) (of which BP & BD)					
Sub-total (A)	4.00	4.00	4.00	4.00	4.00
2. Short term borrowings from others	0.00	0.00	0.00	0.00	0.00
3. Sundry creditors (Trade)	2.41	2.89	3.38	3.86	4.34
4. Advance payments from customers/ Trading Advances	0.00	0.00	0.00	0.00	0.00
5. Provision for taxation	0.00	0.00	0.00	0.00	0.00
6. Deferred Tax	0.00	0.00	0.00	0.00	0.00
7. Other statutory liabilities (due within one year)TDS	0.00	0.00	0.00	0.00	0.00
8. Deposits/Instalments of term loans/DPGs/Debentures, etc. (due within year)	0.00	0.00	0.00	0.00	0.00
9. Other current liabilities & provisions(due within 1 yr)					
(a) Expenses payable	1.00	1.10	1.21	1.33	1.46
Sub-total (B)	3.41	3.99	4.59	5.19	5.81
10. TOTAL CURRENT LIABILITIES (total of 1 to 9 excl'd 1(iii))	7.41	7.99	8.59	9.19	9.81
TERM LIABILITIES					
11. Debentures(not maturing within one year)	0.00	0.00	0.00	0.00	0.00
12. Preference shares (redeemable after one year)	0.00	0.00	0.00	0.00	0.00
13. Term loans(excl'd instalments payable within one year)	4.90	3.70	2.50	1.30	0.00
14. Deferred Payment credits (excluding instalments due within one year)	0.00	0.00	0.00	0.00	0.00
15. Term deposits(repayable after one year)	0.00	0.00	0.00	0.00	0.00
16. Other term liabilities					
a) Unsecured Loan	0.00	0.00	0.00	0.00	0.00
b) Deferred Tax	0.00	0.00	0.00	0.00	0.00
TOTAL TERM LIABILITIES	4.90	3.70	2.50	1.30	0.00
18. TOTAL OUTSIDE LIABILITIES	12.31	11.69	11.09	10.49	9.81

NET WORTH					
19. Ordinary share capital	6.31	9.41	13.41	18.21	24.43
20. General reserves	0.00	0.00	0.00	0.00	0.00
21. Share Premium	0.00	0.00	0.00	0.00	0.00
22. Quassi Equity(Unsecured Loan)	0.00	0.00	0.00	0.00	0.00
23. A. Other reserves(Subsidy) B. Investment Allowance	0.00	0.00	0.00	0.00	0.00
24. Surplus(+) or deficit(-) in Profit & loss account	0.00	0.00	0.00	0.00	0.00
25. NET WORTH	6.31	9.41	13.41	18.21	24.43
26. TOTAL LIABILITIES	18.62	21.11	24.49	28.70	34.24
ASSETS					
CURRENT ASSETS					
27. Cash and bank balances	2.75	1.12	0.27	0.14	0.75
28. Investments(other than long term investments)					
(i) Govt. & other Trustee securities	0.00	0.00	0.00	0.00	0.00
(ii) Fixed deposits with banks	0.00	0.00	0.00	0.00	0.00
29. (i) Receivables other than deffered & exports(incl bills purchased and discounted by banks	2.85	3.42	3.99	4.56	4.63
(ii) Export receivables (including bills purchased & discounted by banks)	0.00	0.00	0.00	0.00	0.00
30. Inventory :	0.00	0.00	0.00	0.00	0.00
(i) Raw materials(including stores & other items used in the process of manufacture)	0.00	0.00	0.00	0.00	0.00
a) Imported	0.00	0.00	0.00	0.00	0.00
b) Indegigenous	0.00	0.00	0.00	0.00	0.00
(ii) Stock in process	0.00	0.00	0.00	0.00	0.00
(iii) Finished goods	6.01	10.41	14.81	19.22	24.62
(iv) Other consummables spares	0.00	0.00	0.00	0.00	0.00
a) Imported	0.00	0.00	0.00	0.00	0.00
b) Indigenous	0.00	0.00	0.00	0.00	0.00
31. Advances	0.00	0.00	0.00	0.00	0.00
32. Advance payment of taxes	0.00	0.00	0.00	0.00	0.00
33. Other Current Assets(specify major ite	0.00	0.00	0.00	0.00	0.00
(a) Fixed Deposit with Banks					
(b) Prepaid Expenses	0.00	0.00	0.00	0.00	0.00
34. TOTAL CURRENT ASSETS (Total of 26 to 33)	11.61	14.95	19.07	23.92	30.00

FIXED ASSETS					
35. Gross Block(land & building machinery, work-in-progress)	8.00	8.00	8.00	8.00	8.00
36. Depreciation to date	0.99	1.85	2.58	3.22	3.77
37. NET BLOCK (35-36)	7.01	6.16	5.42	4.79	4.24
OTHER NON_CURRENT ASSETS					
38. Investments/book debts/ advances/deposits which are not Current Aseets					
(i) a) Investments in subsidiary companies/affiliates	0.00	0.00	0.00	0.00	0.00
b) Others	0.00	0.00	0.00	0.00	0.00
(ii) Advances to suppliers of capital goods & contractors & staff					
(iii)Receivables(maturity exceeding 1 y	0.00	0.00	0.00	0.00	0.00
(iv) Others					
(a) Advances outstanding > 6 months	0.00	0.00	0.00	0.00	0.00
(b) Security Deposits	0.00	0.00	0.00	0.00	0.00
39. Non-consumables stores & spares					
40. Other non-current assets including dues from directors					
(a) Capital Subsidy TDR	0.00	0.00	0.00	0.00	0.00
41. TOTAL OTHER NON-CURR.ASSETS	0.00	0.00	0.00	0.00	0.00
42. Intangible assets (patents, goodwill,prelim. expenses, bad/doubtful expenses not provided for, etc.)	0.00	0.00	0.00	0.00	0.00
43. TOTAL ASSETS (34+37+41+42)	18.62	21.11	24.49	28.70	34.25
	0.00	0.00	0.00	0.00	0.01
44. TANGIBLE NET WORTH (24-42)	6.31	9.41	13.41	18.21	24.43
45. NET WORKING CAPITAL [(17+24)-(37+41+42)]	4.20	6.95	10.49	14.73	20.20
46. Current Ratio	1.57	1.87	2.22	2.60	3.06
47. Total Outside Liabilities/ Tangible Net Worth	1.95	1.24	0.83	0.58	0.40
48. Total Term Liabilities/ Tangible Net Worth	0.78	0.39	0.19	0.07	0.00
ADDITIONAL INFORMATION					
(A) Arrears of depreciation					
(B) Contingment liabilities :					
(i) Arrears of cumulative dividends					
(ii) Gratuity liability not provided for					
(iii)Disputed excise/customes/ tax liabilities					
(iv) Other liabilities not provided for					

FORM VI FUNDS FLOW STATEMENT

Particulars	I	II	III	IV	V
	Proj	Proj	Proj	Proj	Proj
	(1)	(2)	(3)	(4)	(5)
1. SOURCES					
a) Net profit (after tax)	3.61	4.60	5.74	6.81	8.47
b) Depreciation & Exp. W/off	0.99	0.85	0.74	0.63	0.55
c) Increase in capital & Premium	3.70	0.00	0.00	0.00	0.00
d) Increase in term liabilities, inclgd public deposits	5.50	0.00	0.00	0.00	0.00
e) Decrease in					
i) Fixed assets	0.00	0.00	0.00	0.00	0.00
ii) Other non-current assets	0.00	0.00	0.00	0.00	0.00
f) Others	0.00	0.00	0.00	0.00	0.00
g) TOTAL	13.80	5.46	6.48	7.44	9.02
2. USES					
a) Net loss					
b) Decrease in term liabilities including public deposits	0.60	1.20	1.20	1.20	1.30
c) Increase in					
i) Fixed assets	8.00	0.00	0.00	0.00	0.00
Depreciation Adjustment					
ii) Other non-current assets	0.00	0.00	0.00	0.00	0.00
d) Dividend payment	1.00	1.50	1.75	2.00	2.25
e) Others	0.00	0.00	0.00	0.00	0.00
f) TOTAL	9.60	2.70	2.95	3.20	3.55
3. Long Term Surplus/Deficit	4.20	2.76	3.53	4.24	5.47
4. Increase/decrease in current assets * as per details given below	11.61	3.34	4.12	4.84	6.09
5. Increase/decrease in current liabilities other than Bank borrowings	7.41	0.58	0.59	0.60	0.62
6. Increase/decrease in working capital gap	4.20	2.76	3.53	4.24	5.47
7. Net surplus (+)/deficit(-)	0.00	0.00	0.00	0.00	0.00
8. Increase/decrease in Bank borrowings	4.00	0.00	0.00	0.00	0.00
INCREASE/DECREASE IN NET SALES	57.00	68.40	79.80	91.20	11.40
* Break-up of (4)					
i. Increase/Decrease in Raw Materials	0.00	0.00	0.00	0.00	0.00
ii. Increase/Decrease in WIP	0.00	0.00	0.00	0.00	0.00
iii. Increase/Decrease in Finished Goods	0.00	0.00	0.00	0.00	0.00
iv. Increase/Decrease in Receivables	0.00	0.00	0.00	0.00	0.00
(a) Domestic	2.85	0.57	0.57	0.57	0.07
(b) Export	0.00	0.00	0.00	0.00	0.00
v. Increase/Decrease in stores & spares	0.00	0.00	0.00	0.00	0.00
vi. Increase/Decrease in other curr. asset	0.00	0.00	0.00	0.00	0.00
TOTAL	2.85	0.57	0.57	0.57	0.07

ASSESSMENT OF WORKING CAPITAL

	I	II	III	IV	V
	Proj	Proj	Proj	Proj	Proj
	(1)	(2)	(3)	(4)	(5)
FIRST METHOD OF LENDING					
1. Total current assets	11.61	14.95	19.07	23.92	30.00
2. Other current liabilities (Other than bank borrowings) Eclg TL instalment due in one yr	3.41	3.99	4.59	5.19	5.81
3. Working capital gap	8.20	10.95	14.49	18.73	24.20
4. Min. stipulated Net working capital (25% of WCG excluding export receivables)	2.05	2.74	3.62	4.68	6.05
5. Actual/projected net working	4.20	6.95	10.49	14.73	20.20
6. Item 3 minus item 4	6.15	8.22	10.86	14.04	18.15
7. Item 3 minus item 5	4.00	4.00	4.00	4.00	4.00
8. Maximum permissible bank finance (lower of 6 or 7)	4.00	4.00	4.00	4.00	4.00
9. Excess borrowings represent- ing shortfall in NWC	0.00	0.00	0.00	0.00	-0.01
SECOND METHOD OF LENDING					
1. Total current assets	11.61	14.95	19.07	23.92	30.00
2. Other current liabilities (Other than bank borrowings) Eclg TL instalment due in one yr	3.41	3.99	4.59	5.19	5.81
3. Working capital gap	8.20	10.95	14.49	18.73	24.20
4. Minimum stipulated NWC (25% of total current assets)	2.90	3.74	4.77	5.98	7.50
5. Actual/projected net working capital	4.20	6.95	10.49	14.73	20.20
6. Item 3 minus item 4	5.29	7.22	9.72	12.75	16.70
7. Item 3 minus item 5	4.00	4.00	4.00	4.00	4.00
8. Maximum permissible bank finance (lower of 6 or 7)	4.00	4.00	4.00	4.00	4.00
9. Excess borrowings represent- ing shortfall in NWC	0.00	0.00	0.00	0.00	0.00

**COMPARATIVE STATEMENT OF
CURRENT ASSETS & CURRENT LIABILITIES**

	I	II	III	IV	V
	Proj	Proj	Proj	Proj	Proj
	(1)	(2)	(3)	(4)	(5)
CURRENT ASSETS					
1. Raw materials(including stores & other items used in the process of manufacture) a) Imported Month's Consumption b) Indegenous Month's Consumption	0.00	0.00	0.00	0.00	0.00
2. Other cosumable spares,exclgd those included in 1 above a) Imported Month's Consumption b) Indegenous Month's Consumption	0.00	0.00	0.00	0.00	0.00
3. Stock in process Month's Cost of Production	0.00	0.00	0.00	0.00	0.00
4. Finished goods Month's Cost of Sales	6.01	10.41	14.81	19.22	24.62
5. Receivables other than export & deferred receivables(inclgd bills purchased & discounted by banker) Months domestic sales(excl deferred payment sales)	2.85	3.42	3.99	4.56	4.63
6. Export receivables(inclgd bills purch. & disc.) Month's Export sales	0.60	0.60	0.60	0.60	0.54
7. Advances to suppliers of raw materials & stores/spares	0.00	0.00	0.00	0.00	0.00
8. Other Current Assets incl. cash & bank balances & deferred receivables due (Specify)	2.75	1.12	0.27	0.14	0.75
9 TOTAL CURRENT ASSETS (Same as 34)	11.61	14.95	19.07	23.92	30.00
LIABILITIES					
CURRENT LIABILITIES (other than bank borrowings for working capital)					
10 Creditors for purchase of raw material,stores & consumable spares Month's Purchases	2.41	2.89	3.38	3.86	4.34
11. Advance payments from customers/	0.00	0.00	0.00	0.00	0.00
12. Statutory liab. & Tax Provision	0.00	0.00	0.00	0.00	0.00
13. Other current liabilities & (specify major items) Short term borrowings,Unsecured Loans,dividend payable, instalments of TL,DPG,public deposits,debentures, etc.	0.00	0.00	0.00	0.00	0.00
14. TOTAL (same as sub-total B Form III)	2.41	2.89	3.38	3.86	4.34

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