

PROJECT REPORT FOR
CONCRETE MIXER MACHINE



SUBMITTED TO

PROMOTER:

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

PROJECT LOCATION

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

PREPARED BY:

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1 187/67, GROUND FLOOR, GRUHALAXMI,
J.M. ROAD, NEAR BALGANDHARVA CHOWK,
PUNE, MAHARASHTRA 41 1 005.

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<i>Project For:</i> Concrete Mixer Machine
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I. PROJECT AT A GLANCE

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|---------------------------------|--|
| 1. About the Promoter | : xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx |
| | Address- xxxxxxxxxxxxxxxxxxxxxxxx |
| 2. Project Cost | : Rs. 5.00 Lakhs |
| 3. Mean of Finance | |
| A) T. L. facility from Bank | : Rs. 3.20 Lakhs |
| B) Beneficiary contribution | : Rs. 0.50 Lakhs |
| C) C.C. Facility from Bank | : Rs. 1.30 Lakhs |
| D) Subsidy (PMEGP) | : Rs. 1.75 Lakhs |
| 4. Rate of Interest | : 10.00% Per Annum |
| 5. Repayment | :60 monthly installments, EMI @ 0.05 Lakhs |
| 6. Nature of Project | :Mix Concrete |
| 7. Employment Potential | : 5 Nos. |
| 8. Nature of the Firm | :Self employed |
| 9. Average Debt Coverage ratios | : 2.87 |

II. ABOUT THE PROJECT

A concrete mixer is also commonly called a cement mixer, is a device that homogeneously combines cement, aggregate such as sand or gravel, and water to form concrete. A typical concrete mixer uses a revolving drum to mix the components. Today's market increasingly requires consistent homogeneity and short mixing times for the industrial production of ready mix concrete, and more so for precast concrete. portable concrete mixer sometimes called a mini mixer. A concrete mixer is compressed primarily of a motor, rotating drum. Inside the drum of material use to make concrete mixing together evenly and remaining soft application and forming. To supply continuously the ready mix its necessary that the concrete mixer should be in good condition of working, but it has been observed that the shaft and blade of mixer get failed after some uses of time. So in this project I am trying to identify the different causes of blade and shaft failure

Projections for:

Concrete Mixer Machine

II. ECONOMICS OF THE PROJECT

A. TOTAL COST OF THE PROJECT

(Rs. Lacs)

S.No.	Particulars	Total	Spent	Bal. To be spent
A.	Fixed Cost			
1	Plant & Machinery			
	Concrete Mixer Machine & Accessories	3.56	-	3.56
				-
		<u>3.56</u>		<u>3.56</u>
B.	Working Capital	1.44		1.44
	TOTAL COST OF THE PROJECT	5.00		5.00

MEANS OF FINANCE

a) Own Contribution (10%)	0.50
b) T L facility from Bank (90%)	3.20
c) CC facility from Bank (90%)	<u>1.30</u>
	5.00
	<hr/>
d)Subsidy Entitlement Under Chief Minister's Employment Generation Programme (CMEGP @ 35%)	1.75

Projections for:
Concrete Mixer Machine

B. PROFITABILITY STATEMENT

(Rs. Lacs)

S.No.	Particulars	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7
1	Income	7.20	7.92	8.71	9.58	10.54	11.60	12.76
2	Expenses	6.31	6.78	7.30	7.84	8.43	9.06	9.75
3	Int. on TL	0.31	0.27	0.23	0.19	0.14	0.09	0.03
4	Depreciation	0.36	0.32	0.29	0.26	0.23	0.21	0.19
5	Profit after int. & dep.	0.23	0.55	0.89	1.29	1.74	2.23	2.78
6	Income Tax	-	-	-	-	-	-	-
7	Profit after Tax	0.23	0.55	0.89	1.29	1.74	2.23	2.78
8	Add : Depreciation	0.36	0.32	0.29	0.26	0.23	0.21	0.19
9	Add : Interest on TL	0.31	0.27	0.23	0.19	0.14	0.09	0.03
10	Cash Accruals	0.89	1.14	1.41	1.74	2.11	2.53	3.00
11	Repayment of TL with Interest	0.64	0.64	0.64	0.64	0.64	0.64	0.64
12	DSCR	1.40	1.78	2.22	2.73	3.31	3.97	4.70
13	Average DSCR	2.87						
14	Net Profit to total receipts	3.20	6.90	10.27	13.51	16.49	19.24	21.79

Projections for:
Concrete Mixer Machine

C. CASH FLOW STATEMENT

(Rs. Lacs)

S.No.	Particulars	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7
A Inflow :								
1	Cash flow from Opration	0.89	1.14	1.41	1.74	2.11	2.53	3.00
2	T.L. from Bank	3.20						
3	CC from bank	1.30						
4	Own contribution	0.50						
5	Subsidy	1.75						
	Total (A)	7.64	1.14	1.41	1.74	2.11	2.53	3.00
B Outflow:								
1	Fixed Assets	3.56	-	-	-	-	-	-
2	Repay of TL	0.64	0.64	0.64	0.64	0.64	0.64	0.64
3	Drawings	0.20	0.22	0.24	0.27	0.29	0.32	0.35
	Total (B)	4.40	0.86	0.88	0.90	0.93	0.96	0.99
Summery:								
	Op. Cash & Bank Bal.	-	3.24	3.52	4.06	4.90	6.08	7.65
	Surplus / (Deficit)	3.24	0.28	0.53	0.84	1.18	1.57	2.01
	Cl. Cash & Bank Bal.	3.24	3.52	4.06	4.90	6.08	7.65	9.66

Projections for:
Concrete Mixer Machine

D. BALANCE SHEET

(Rs. Lacs)

S.No.	Particulars	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7
A ASSETS :								
1	Fixed Assets :	3.20	2.88	2.60	2.34	2.10	1.89	1.70
2	Investments	-	-	-	-	-	-	-
3	Current Assets	3.24	3.52	4.06	4.90	6.08	7.65	9.66
4	Loans & Advances	-	-	-	-	-	-	-
	Total (A)	6.45	6.41	6.65	7.23	8.18	9.54	11.36
B LIABILITIES:								
1	Capital	3.58	3.90	4.56	5.58	7.03	8.94	11.36
2	Secured loans	2.87	2.50	2.10	1.65	1.15	0.61	-
3	Current Liabilities							
	Cash Credit	-	-	-	-	-	-	-
	Total (B)	6.45	6.41	6.65	7.23	8.18	9.54	11.36

Projections for:
Concrete Mixer Machine

E. CAPITAL ACCOUNT

(Rs. Lacs)

S.No.	Particulars	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7
1	Op. Balance	-	3.58	3.90	4.56	5.58	7.03	8.94
2	Additions	3.55	-	-	-	-	-	-
3	Net Profit	0.23	0.55	0.89	1.29	1.74	2.23	2.78
	Sub Total	3.78	4.12	4.80	5.85	7.32	9.26	11.72
4	Drawings	0.20	0.22	0.24	0.27	0.29	0.32	0.35
5	Closing Balance	3.58	3.90	4.56	5.58	7.03	8.94	11.36

Projections for:
Concrete Mixer Machine

F. INCOME

(Rs. Lacs)

S. No.	Particulars	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7
1	Gross Receipts							
a.	Income from Concrete Mixer services per month	0.60	0.66	0.73	0.80	0.88	0.97	1.06
b.	Total Receipts per annum	7.2	7.9	8.7	9.6	10.5	11.6	12.8
	Total	7.20	7.92	8.71	9.58	10.54	11.60	12.76

Projections for:
Concrete Mixer Machine

G. EXPENSES

(Rs. Lacs)

S.No.	Particulars	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7
1	Salary							
i	Machine Operator (1 no.* Rs. 6000 per month)	0.72	0.76	0.79	0.83	0.88	0.92	0.96
ii	Labour (4 no.* Rs. 5000 per month)	2.40	2.52	2.65	2.78	2.92	3.06	3.22
2	Diseal Expenses (30% of Total income)	2.16	2.38	2.61	2.87	3.16	3.48	3.83
3	Repairs & maintenance (5% of vehicle cost)	0.18	0.20	0.22	0.24	0.26	0.29	0.32
4	Miscellaneous Expenses (@ 5000 per month)	0.60	0.66	0.73	0.80	0.88	0.97	1.06
5	Other Overheads	0.25	0.28	0.30	0.32	0.33	0.35	0.37
	Total	6.31	6.78	7.30	7.84	8.43	9.06	9.75

Projections for:
Concrete Mixer Machine

H. FIXED ASSETS AND DEPRECIATION

(Rs. Lacs)

S. No.	Particulars	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7
1	Plant & Machinery							
	Op. Balance		3.20	2.88	2.60	2.34	2.10	1.89
	Additions	3.56	-	-	-	-	-	-
	Sub Total	3.56	3.20	2.88	2.60	2.34	2.10	1.89
	Less : Depreciation	0.36	0.32	0.29	0.26	0.23	0.21	0.19
	Cl. WDV	3.20	2.88	2.60	2.34	2.10	1.89	1.70
	Total Depreciation	0.36	0.32	0.29	0.26	0.23	0.21	0.19
	Total WDV	3.20	2.88	2.60	2.34	2.10	1.89	1.70

Projections for:

Concrete Mixer Machine

I. TERM LOAN REPAYMENT AND INTEREST THEREON

(Rs. Lacs)

S.No.	Particulars	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7
1	TL / Op. Bal.	3.20	2.87	2.50	2.10	1.65	1.15	0.61
2	Repayment during the year	0.33	0.37	0.41	0.45	0.50	0.55	0.61
3	Cl. Balance	2.87	2.50	2.10	1.65	1.15	0.61	-
4	Interest at 10.00 per cent p.a.	0.31	0.27	0.23	0.19	0.14	0.09	0.03
5	Total repayment with Interest	0.64	0.64	0.64	0.64	0.64	0.64	0.64
6	Interest on CC (at 12 per cent p.a.)	0.16	0.16	0.16	0.16	0.16	0.16	0.16
6	Total Interest	0.46	0.43	0.39	0.35	0.30	0.25	0.19

Term Loan Repayment Schedule

MONTHS	EMI	INTEREST	PRINCIPAL REPAYMENT	OST PRINCIPAL
0				3.20
1	0.05	0.03	0.03	3.18
2	0.05	0.03	0.03	3.15
3	0.05	0.03	0.03	3.12
4	0.05	0.03	0.03	3.10
5	0.05	0.03	0.03	3.07
6	0.05	0.03	0.03	3.04
7	0.05	0.03	0.03	3.01
8	0.05	0.03	0.03	2.99
9	0.05	0.02	0.03	2.96
10	0.05	0.02	0.03	2.93
11	0.05	0.02	0.03	2.90
12	0.05	0.02	0.03	2.87
First Year	0.64	0.31	0.33	
13	0.05	0.02	0.03	2.84
14	0.05	0.02	0.03	2.81
15	0.05	0.02	0.03	2.78
16	0.05	0.02	0.03	2.75
17	0.05	0.02	0.03	2.72
18	0.05	0.02	0.03	2.69
19	0.05	0.02	0.03	2.66
20	0.05	0.02	0.03	2.63
21	0.05	0.02	0.03	2.60
22	0.05	0.02	0.03	2.57
23	0.05	0.02	0.03	2.54
24	0.05	0.02	0.03	2.50

Second Year	0.64	0.27	0.37	
25	0.05	0.02	0.03	2.47
26	0.05	0.02	0.03	2.44
27	0.05	0.02	0.03	2.41
28	0.05	0.02	0.03	2.37
29	0.05	0.02	0.03	2.34
30	0.05	0.02	0.03	2.31
31	0.05	0.02	0.03	2.27
32	0.05	0.02	0.03	2.24
33	0.05	0.02	0.03	2.20
34	0.05	0.02	0.03	2.17
35	0.05	0.02	0.04	2.13
36	0.05	0.02	0.04	2.10
Third Year	0.64	0.23	0.41	
37	0.05	0.02	0.04	2.06
38	0.05	0.02	0.04	2.03
39	0.05	0.02	0.04	1.99
40	0.05	0.02	0.04	1.95
41	0.05	0.02	0.04	1.92
42	0.05	0.02	0.04	1.88
43	0.05	0.02	0.04	1.84
44	0.05	0.02	0.04	1.80
45	0.05	0.02	0.04	1.76
46	0.05	0.01	0.04	1.73
47	0.05	0.01	0.04	1.69
48	0.05	0.01	0.04	1.65
Fourth Year	0.64	0.19	0.45	
49	0.05	0.01	0.04	1.61
50	0.05	0.01	0.04	1.57
51	0.05	0.01	0.04	1.53
52	0.05	0.01	0.04	1.49
53	0.05	0.01	0.04	1.45
54	0.05	0.01	0.04	1.41
55	0.05	0.01	0.04	1.37
56	0.05	0.01	0.04	1.32
57	0.05	0.01	0.04	1.28
58	0.05	0.01	0.04	1.24
59	0.05	0.01	0.04	1.20
60	0.05	0.01	0.04	1.15
Fifth Year	0.64	0.14	0.50	
61	0.05	0.01	0.04	1.11
62	0.05	0.01	0.04	1.07
63	0.05	0.01	0.04	1.02
64	0.05	0.01	0.04	0.98
65	0.05	0.01	0.05	0.93
66	0.05	0.01	0.05	0.89
67	0.05	0.01	0.05	0.84
68	0.05	0.01	0.05	0.79
69	0.05	0.01	0.05	0.75
70	0.05	0.01	0.05	0.70
71	0.05	0.01	0.05	0.65
72	0.05	0.01	0.05	0.61
Six Year	0.64	0.09	0.55	
73	0.05	0.01	0.05	0.56
74	0.05	0.00	0.05	0.51
75	0.05	0.00	0.05	0.46
76	0.05	0.00	0.05	0.41
77	0.05	0.00	0.05	0.36
78	0.05	0.00	0.05	0.31
79	0.05	0.00	0.05	0.26
80	0.05	0.00	0.05	0.21
81	0.05	0.00	0.05	0.16
82	0.05	0.00	0.05	0.11
83	0.05	0.00	0.05	0.05
84	0.05	0.00	0.05	0.00
Seven Year	0.64	0.03	0.61	

