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PROJECT REPORT

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PROJECT:

Flour Mill

PROJECT REPORT

Of

FLOUR MILL

PURPOSE OF THE DOCUMENT

This particular pre-feasibility is regarding **Flour Mill**.

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.]

Flour Mill

1. INTRODUCTION:

Wheat flour, also known as Atta in Hindi, is widely used product on daily basis in every household. For making chapattis, bread, roti, naan, puri Wheat Flour is basic and essential raw material. Most atta is milled from the semi-hard wheat varieties, also known as **durum wheat** that comprises 90% of the Indian wheat crop, and is more precisely called Durum Atta.

2. PRODUCT & ITS APPLICATION:

Wheat Flour or Atta is the predominantly used in food items in India, such as chapatti, roti, naan and puri and in sweet items too like halwa, pakoda, etc. This is basic and most essential product for daily consumption in every home in India.

3. MARKET POTENTIAL AND MARKETING ISSUES, IF ANY:

Whole wheat flour is used in making Chapatties, Puries, Parotha and other roasted cereal-based products. Sooji / Rava is used in many sweetmeat products. Wheat flour or Maida is a basic raw material for making Bread, Biscuits Cakes and other bakery products. Bran separated on milling is used as cattle feed. The products sold under brand names are very few. The concept for branded cereal flour products is now increasing.

4. COST OF PROJECT:

The project shall cost Rs 115.35 lacs as detailed below:

S.NO.	PARTICULARS	TOTAL COST	MARGIN 25%	LOAN
1	Land & Building	-	Owned/Rented	-
2	Plant and Machinery	23.84	5.96	17.88
3	Furniture & Fixture	1.15	0.29	0.86
5	Pre- and Post-operative and	2.38	2.38	-
6	Margin for Working Capital	5.56	5.56	-
	Total	32.93	14.19	18.74

5. MEANS OF FINANCE:

The proposed funding pattern is as under:

S.NO.	PARTICULARS	AMOUNT
1	Own Contribution	14.19
2	Term Loan	18.74
	Total	32.93

6. LIST OF MACHINERY REQUIRED:

A detail of important machinery is given below:

Sr. No.	Particulars	UOM	Qty	Rate (Rs)	Value
					(Rs in Lacs)
	Plant & Machinery / equipment's				
a)	Main Machinery				
1	Single Bucket Elevator	Nos	1	Rs 0.90	0.90
2	Reel Machine	Nos	1	Rs 0.40	0.40
3	Rotary Separator	Nos	1	Rs 1.00	1.00
4	Scourer Machine	Nos	1	Rs 0.75	0.75
5	Intensive dampner	Nos	1	Rs 0.40	0.40

6	Rotometer	Nos	1	Rs 0.25	0.25
7	De-Stoner without fan & cyclone	Nos	1	Rs 0.75	0.75
8	Indent cylinder	Nos	1	Rs 0.90	0.90
9	Screw conveyor 7 m 1500/m, 4.5 m 1500/m	Nos	1	Rs 0.43	0.43
10	Dust cyclone with airseal dia 1120	Nos	1	Rs 0.17	0.17
11	Dust cyclone with airseal dia 960	Nos	1	Rs 0.15	0.15
12	L.P. Fan for Ist Cleaning	Nos	1	Rs 0.30	0.30
13	L.P. Fan for Main Cleaning	Nos	1	Rs 0.27	0.27
14	L.P. Fan for DE stoner	Nos	1	Rs 0.23	0.23
15	L.P. Fan for final Cleaning	Nos	1	Rs 0.25	0.25
Sr. No.	Particulars	UOM	Qty	Rate (Rs)	Value
16	Magnets 6"*12"	Nos	2	Rs 0.02	0.04
17	Silogate	Nos	3	Rs 0.02	0.05
18	Roller Mill body	Nos	1	Rs 1.25	1.25
19	Rolls dia 250 * 1000 mm (Indian)	Nos	2	Rs 0.38	0.76
20	Roll Grooving & spindle cutting	Nos	2	Rs 0.03	0.06
21	Plansifter 8 feed /16 sec.	Nos	1	Rs 1.50	1.50
22	Purifier	Nos	1	Rs 0.60	0.60
23	Bran – finisher	Nos	1	Rs 0.20	0.20
24	Pneumatic lifts	Nos	4	Rs 0.18	0.72
25	Tripple worm 8 mt. Each	Nos	1	Rs 0.02	0.02
26	L.P. Fan purifier	Nos	1	Rs 0.25	0.25
27	Dust cyclone dia 1120	Nos	1	Rs 0.20	0.20
28	H.P. Fan	Nos	1	Rs 0.45	0.45
29	Supper cyclone	Nos	1	Rs 0.30	0.30
30	Bolting cloth		Lot	Rs 0.40	0.40
31	Misc. accessories such as inspection, cover & joint range etc.	Nos	1	Rs 0.15	0.15
32	Electrical motors	LS		Rs 3.50	3.50
33	Electric pannel board fitted with starter main switches, cables, cable fittings, volts and AMP meters, AC.B capacitors etc.	LS		Rs 2.50	2.50
34	Reduction gears standard make	LS		Rs 0.75	0.75
35	V-Groove, Pulleys, Couplings, V-Belts etc.	LS		Rs 0.30	0.30

36	erecting Material such as angle, Channel Sheet, Iron etc.	LS		Rs 2.00	2.00
37	Tools and other equipment required during erecting	LS		Rs 0.35	0.35
38	Consumable items such as Nut, Bolt, Gas, and Welding Rods, Namda, Fevicol etc.	LS		Rs 0.20	0.20
39	Weighing scale	Nos	1	Rs 0.15	0.15
	sub-total Plant & Machinery				23.84
	Furniture / Electrical installations				
1	Office furniture	LS		0.7	0.70
Sr. No.	Particulars	UOM	Qty	Rate (Rs)	Value
	sub total				0.70
	Other Assets				
1	preliminary and preoperative	LS		2.38	2.38
	sub-total Other Assets				2.38
	Erection and Consultancy Charges	LS		0.45	0.45
	Total				27.37

7. PROFITABILITY CALCULATIONS:

i Cost of Production

S.No.	Particulars		In. Rs.
1	Total Recurring Expenditure		251.93
2	Depreciation on Plant and Machinery @ 15%		3.58
3	Depreciation of Furniture/Fixture & Office Equipment @ 10 %		0.12
4	Finance Cost		7.91
	TOTAL COST OF PRODUCTION	(in Lacs)	263.53

ii **Turnover**

S.No.	Particulars		Qty)	Rate (in Rs)	In. Rs.
1	Maida	50%	720.00	23,000.00	1,65,60,000.00
2	Sooji	12%	172.80	25,000.00	43,20,000.00
3	Atta	20%	288.00	22,000.00	63,36,000.00
4	Chokar	18%	259.20	13,000.00	33,69,600.00
			1,440.00		3,05,85,600.00

The basis of profitability calculation:

Profitability

(ii)	Profit [ii-i]	(In Lacs)	42.33
	At 100% capacity utilisation		
	Percentage profit on sales		13.84%

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