

Roller Flour Mill

(Atta, Maida & Suji)-

Market Survey cum Detailed
Techno Economic Feasibility
Project Report

Introduction

Roller Flour mill serve the purpose of processing wheat to convert it into flour. The plant will have facility to produce, maida, suzi, atta and bran. These products will be sold as per the guidance issued for Food and Civil Supplies Department of the concerned state. Thus milling is an imperative physical function involved in converting wheat into its milled products that is separating the wheat grain into its constituents (bran, germ and endosperm).

Wheat grains are the seed of the wheat plant, which is able to grow in kinds of soil and under widely differing climatic conditions. The principle wheat of commerce belong to the botanical groups *Triticum vulgane*, *Triticum drum* and *triticum compactum*. A grain of wheat is avoided in shape and it bears at one end a number of short fine Grains.

The grains of wheat consists of three main parts the enveloping skins, the embryo and the endosperm. The relative proportions of these parts vary with the plumpness of the grain but the average composition of wheat is 83% endosperm, 2.5% embryo and 14.5% enveloping skins. The enveloping skins are pericarp consists of the epidermis, epicarp and endocarp. The pericarp represents about 6% of the grain.

The seed coat consist of the testa, the hyaline layer which comprises about 2% of the grain. The aleurone layer representing about 6.5% of the grain wheat show a wide range of analytical data which is not unexpected in view of the many varieties which are grown and the very different conditions under which they are cultivated.

Flourmill consists of following machineries as blender, sieves, breaks rolls, smooth steel reduction, rolls aspirators, conveyors water washers etc. The RFM industry is basically agro-based processing industry engaged in the manufacture of products based on wheat, namely maida, sooji, atta and bran. In some states, under special arrangements RFM units produce whole meal atta to meet the requirements of various distribution programmes.

Apart from direct consumption by general consumers, maida and sooji produced by RFM units serve as the most important raw material to more than 55 thousand units manufacturing bread, biscuit and bakery products all over the country. Besides this the resultant wheat bran serves as the poultry feed.

Few Indian Major Players are as under

- Ambe Agro Inds. Ltd.
- Ambuja Flour Mills Ltd.
- Anirudh Foods Ltd.
- Aruppukottai Shri Ramalinga Roller Flour Mills Ltd.
- Bambino Agro Inds. Ltd.
- Bannari Amman Flour Mill Ltd.
- Calcutta Flour Mills Ltd.
- Cargill India Pvt. Ltd.

- Century Flour Mills Ltd.
- D F M Foods Ltd.
- Delhi Flour Mills Co. Ltd.
- Flour & Food Ltd.
- Gallantt Udyog Ltd.
- General Mills India Pvt. Ltd.
- Govind Mills Ltd.
- Gupta Nutritions Pvt. Ltd.
- Himanshu Flour Mills Ltd.

- **Hyderabad Roller Flour Mills Co. Ltd.**
- **Jai Mata Foods Ltd.**
- **Kaushalya Roller Flour Mills Pvt. Ltd.**
- **Koodal Industries Ltd.**
- **Modern Flour Mills Ltd.**
- **Naga Ltd.**
- **Naga Overseas Pvt. Ltd.**
- **Nath Roller Flour Mills Pvt. Ltd.**
- **Okara Flour & General Mills Ltd.**

- Parakh Agro Inds. Ltd.
- Patiala Flour Mills Co. Ltd.
- Pawan Udyog Ltd.
- Poona Roller Flour Mills Ltd.
- Prahlad Flour Mills Ltd.
- R K Patel Food Pvt. Ltd.
- Rohini Foods Pvt. Ltd

Project at a Glance

PROJECT AT A GLANCE				(Rs. in lacs)			
COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	105.00	105.00	Capital	0.00	134.20	134.20
Buildings	0.00	79.20	79.20	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	165.94	165.94	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	18.00	18.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	54.50	54.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	30.00	30.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	402.61	402.61
Preliminary& Pre-operative Exp	0.00	5.00	5.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	16.50	16.50	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	62.67	62.67				
TOTAL	0.00	536.82	536.82	TOTAL	0.00	536.82	536.82

Project at a Glance

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value
										No.of Times	
	EPS	CEPS	Per Share		Per Share	Per Share					
	Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%
1-2	10.49	13.91	20.49	24.00	0.00	100.00	10.49	0.00	10.49	1.00	0.00
2-3	14.14	17.14	34.63	18.00	0.00	100.00	14.14	0.00	14.14	1.00	0.00
3-4	17.82	20.45	52.45	12.00	0.00	100.00	17.82	0.00	17.82	1.00	0.00
4-5	21.45	23.75	73.90	6.00	0.00	100.00	21.45	0.00	21.45	1.00	0.00
5-6	24.98	27.02	98.88	0.00	0.00	100.00	24.98	0.00	24.98	1.00	0.00

Project at a Glance

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnove r Ratio	Current Ratio
	Individual	Cumulative	Overall					GPM	PBT	PAT	Net Contribution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.85	1.85		1.17	1.17	2.63		10.25%	6.77%	4.51%	607.03	19.47%	3.21	1.18
2-3	2.29	2.06		0.52	0.52	1.51		11.04%	8.06%	5.22%	708.05	19.47%	3.18	1.44
3-4	2.83	2.30	2.83	0.23	0.23	0.98		11.58%	9.01%	5.75%	809.20	19.47%	3.03	1.71
4-5	3.48	2.55		0.08	0.08	0.68		11.96%	9.70%	6.15%	910.35	19.47%	2.84	2.00
5-6	4.26	2.83		0.00	0.00	0.49		12.22%	10.20%	6.45%	1011.50	19.47%	2.64	2.58

Project at a Glance

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	44.90%
Total BEP (% of Installed Capacity)	47.60%

IRR, PAYBACK and FACR

Internal Rate of Return .. (In %age)	43.95%
Payback Period of the Project is (In Years)	2.814 Years
Fixed Assets Coverage Ratio (No. of times)	17.822

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Roller Flour Mill
(Atta, Maida & Suji)

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- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

Sectors We Cover *Cont...*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

Sectors We Cover *Cont...*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

Sectors We Cover *Cont...*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

Sectors We Cover *Cont...*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

Sectors We Cover *Cont...*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

Sectors We Cover *Cont...*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

Sectors We Cover *Cont...*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

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