



**ENGINEERS INDIA RESEARCH INSTITUTE**  
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## DETAILED FEASIBILITY REPORT

(PROJECT FEASIBILITY REPORT)

ON

**NON ROASTED CORN FLAKES (POHA)**



IDENTIFICATION & EVALUATION DIVISION FOR HI-TECH PROJECTS

# ENGINEERS INDIA RESEARCH INSTITUTE

EIRI CONSULTANTS & ENGINEERS

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CODE : EIRI/DFR/0190  
J.C. : 7699



**C A U T I O N**

This project report has been prepared on the basis of information available with **M/S. ENGINEERS INDIA RESEARCH INSTITUTE**. The intention here is to provide preliminary information to the prospective entrepreneur. Prior to making a firm decision for investment in the project the entrepreneur must verify the various feasibility aspects together along with the addresses for the procurement of plant & machinery and raw materials independently. The information supplied in this report is obtained from the reliable sources but it is not guaranteed and the money once paid will not be refunded back in any case. Claims for incomprehensiveness of the project report will not be entertained and no legal action in this regard would be entertained in any case (Subject to Delhi Jurisdiction only). Any matter relating to our standard points covered in the report may be modified with in 5 days time only from the date of purchase.

**ENGINEERS INDIA RESEARCH INSTITUTE, 4449 NAI SARA, DELHI-110006.**



**NON ROASTED CORN FLAKES (POHA)**

**[EIRI/DFR/0190]J.C.:7699**

**CONTENTS**

APPENDIX - A

1. COST OF PLANT ECONOMICS	A 1
2. LAND & BUILDING	A 2
3. PLANT AND MACHINERY	A 3
4. FIXED CAPITAL INVESTMENT	A 5
5. RAW MATERIAL	A 6
6. SALARY AND WAGES	A 7
7. UTILITIES AND OVERHEADS	A 8
8. TOTAL WORKING CAPITAL	A 9
9. COST OF PRODUCTION	A11
10. PROFITABILITY ANALYSIS	A12
11. BREAK EVEN POINT	A13
12. RESOURCES OF FINANCE	A14



## **NON ROASTED CORN FLAKES (POHA)**

**[EIRI/DFR/0190]J.C.:7699**

### **INTRODUCTION**

Food consists of variety of substances called nutrients and the suitable balance of these is essential for human deet. These substances are known as protein, carbohydrates fats, vitamins, minerals and water. Carbohydrates and fats, chiefly supply energy or fuel. The proteins are mainly required for repair and growth of the body and vitamins are also indispensable for this. All these nutrients are contained in varying amounts in food and should cause little anxiety if adequate well balanced foods are taken.

With the advancement of living standard and improvement in the nutrition quality of diet of acceptable test ready to serve food items to be sonsumed independently or in combination with other food artickes, which can serve as a complete diet with all the necessary nutrients have been introduced. These items of the main menu of different daily meals are manufactured both dry and wet forms.



## **USES AND APPLICATION**

Corn Flakes are used mainly as break-fast food along with milk. They are also used for making any delicious food by cooking. It is also being given to patients, since it contains carbohydrates, protein and starch. This food acts as a stimulant for patients.

Corn flakes are mainly consumed by upper strata of society, in hotels, hospitals, nursing homes etc.

It is economical, convenient, nutritious and flavourful food suitable for daily consumption.

People getting modernized they need some sophistication in their food also the need of which fulfilled by corn flakes. The per capita consumption of corn flakes has increased many times as compared to last decade.



## **PROPERTIES**

The main constituents of maize are carbohydrates, proteins and starch. These acts as nutrients for human body, and provides a balance diet.

The composition of these constituents are as follows:-

1.	Carbohydrates	8 - 10%
2.	Proteins	9 - 7%
3.	Starch	50 - 60%
4.	Fats	10 - 0.15%
5.	Water	Small quantity.
6.	Sugar	10%
7.	Ash	-3%

From raw corn flakes (before roasting) corn syrup can be prepared. It is prepared by removing starch from maize by soaking and treating with chemicals. It is also being used by liquor industry for manufacture of beer etc.

The other properties of corn flakes are as follows:-

1. It is dark brown and ordinary brown in colour depending whether manufactured from hybrid yellow corn or white corn respectively.
2. It does not have any odour and salty in taste.



3. Corn flakes are hygroscopic in nature therefore they should not be kept open in air otherwise they will absorb water contents from atmosphere and become flexible.

4. The calorific value of corn flakes is 367 kcal/100 gms. and that of corn grain is 352 kcal/100 gms.



## **MARKET POSITION**

Presently, there are few leading companies manufacturing corn flakes to cater to the need of upper strata of society, hoteliers, clubs, hospitals etc.

Earlier, the only use of corn flakes was as breakfast food. As time elapsed, it is being used in many other purposes like hospitals, for manufacturing of starch, syrup and beer. Hence its demand has been increasing constantly.

Apart from Indian Market the corn flakes has very wide demand in foreign countries. India is exporting corn flakes to african, Middle east and Gulf Countries.

To conclude that it would be worth while to state that corn flakes industry has excellent scope in India for indigenous consumption as well as for export.





**LIST OF MANUFACTURERES/SUPPLIERS OF CORN FLAKES**

MR. S. K. MITTAL  
AAHAR INTERNATIONAL INDIA LTD.  
G-37, GROUP INDUSTRIES,  
LAWRENCE ROAD, DELHI-110035  
Phone: 911127195002/03/04/05  
Email: aahar@vsnl.com

MR. ROHITASH SHARMA  
CASTLE FOOD CORPORATION  
110, PRINCE PLAZA, CATTRI PUL,  
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Email: castlefoodcorp@rediffmail.com

MR. SANJAY LAKHANI  
INERTIA FOODS PVT LTD  
G-I, 681, INDUSTRIAL AREA,  
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RAJASTHAN  
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Email: inertiafoods@rediffmail.com

MR. MAHAVIR BABURAO KAPSHE  
M B KAPSHE & ASSOCIATES  
PARAG COMMERCIAL ARCADE,  
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KOLAPUR-416001, MAHARASHTRA  
Phone: 912312655339  
Email: mbkapshe@yahoo.com



## **B.I.S SPECIFICATION**

IS : 1158 - 1973.

It prescribes requirements and methods of sampling and tests. Besides the requirements for physical characteristics, such as appearance, taste and odour, and the limits for chemical characteristics, such as total ash, acid insoluble ash, crude fibre and alcoholic acidity, a provision has also been made with regard to the enrichment of corn flakes with vitamins, such as thiamine, riboflavin and niacin.

For more information contact at:

### **Headquarters:**

Manak Bhavan,  
9, Bahadur Shah Zafar Mag,  
New Delhi-110 002  
Phone: 91 11 23238821, 23233375, 23239402  
91 23238821, 23239399 (Fax)  
[sales@bis.org.intandards](mailto:sales@bis.org.intandards) Institution



Sr.No.	Sales Outlets Address	Telephone No/Fax/e-mail
01.	<b>Director (Sales)</b> Manak Bhawan, 9, Bahadur Shah Zafar Marg New Delhi-110 002	91-11-23238821,23233375,23239402 91-23238821, 23239399(Fax)
02.	<b>Western Regional Office</b> Manakalaya, Plot No. E-9, MIDC, Road No. 8, Behind Telephone Exchange, Andheri (East), Mumbai-400 093	Phone 022-28329295 Fax 28374231 Email:saleswro@bis.org.in
03.	<b>Eastern Regional Office</b> 5, Chowringhee Approach P.O. Princep Street, Kolkata-700 012	033-232053243 91-33-23377459(Fax) <a href="mailto:ero@bis.org.in">ero@bis.org.in</a>
04.	<b>Northern Regional Office</b> SCO 335-336, Sector 34-A Chandigarh-160 022	91-0172 2665512 91-0172 2602025 (Fax) 910172-2609285, 2664750,2624136(PBX) <a href="mailto:nro@bis.org.in">nro@bis.org.in</a>
05.	<b>Southern Regional Office</b> C.I.T. Campus, IV Cross Road Chennai-600 013	91-044-22542315, 22541584,22541470 91-044-22541087 (Fax) <a href="mailto:sro@bis.org.in">sro@bis.org.in</a>

NOTE :- The use of the ISI Certification Mark is governed by the provisions of the Indian Standards Institution (Certification Marks) Act and the Rules and Regulations made thereunder. The ISI Mark on products covered by an Indian Standard conveys the assurance that they have been produced to comply with the requirements of that standard under a well-defined system of inspection, testing and quality control which is devised and supervised by ISI and operated by the producer. ISI marked products are also continuously checked by ISI for conformity to that standard as a further safeguard. Details of conditions under which a licence for the use of the ISI Certification Mark may be granted to manufacturers or processors, may be obtained from the Indian Standards Institution.



## **PROCESS OF MANUFACTURE**

The process for the manufacture of non roasted corn flakes (Poha) can be classified into various steps.

These steps are :-

- 1) Grain Cleaning Section
- 2) Corn Grit Section
- 3) Corn Flake Section

### **GRAIN CLEANING SECTION :**

Yellow and white corn (Hybrid) may be used for the manufacture of corn flakes. Initially corn grains are cleaned and polished to remove dirt, dust etc.

Silos are used for storing corn grains. Removal of dust, dirt and germ are carried by air classifiers, and also polishing is done. Separator is used to separate large grains from small grains. Usually No. 6 mesh screen is used which provides larger grains.



## **CORN GRIT SECTION**

After polishing grains, they are milled to remove germ and bran. The broken pieces are cooked in rotary steam cooker under pressure, generally handles 500 - 600 kgs. at that time. It is subjected to steam and for 2 hours. Flavour syrup of sugar, malt, salt and water are added during the process. The grits, the cooked material possess moisture which raises to about 36 - 37%. The grits are again washed and cleaned by air classifiers. The large and small grits are separated by separator. These are stored in bins. The grits carried to an agitator or lump breaker and then is discharged into a pan woler or may be sent to steamer where pre-heated air is blown to reduce the moisture content to the desired degree about 20%. The dried material is kept in demisting tank for few hours in order to provide the residual moisture to become equally distributed. This is a very important process for uniform pressing in the flakes. The flakes may be thin or thick, depending on the moisture i.e. more the moisture, more the thinner and less the moisture, more the thicker. These grits are again gorn washed in a gorn separator and are stored in storage tanks for further processing.

### **Boiling**

Now the corn grains are boiled in a cooker. A weighed quantity of corn taken in this cooker, where it is cooked under steam for about two hours. Thereafter, to increase the taste one can add the soup of sugar, salt or any other ingredient like malt, syrup etc. to make it more congenial to health.

These boiled corn grains are now led to such an instrument where there is an arrangement for making jerks to and fro so that the corn grains get separated from one another. These are now emptied into a big pan fitted with a stirrer, so that these are cooled. Now these grains are brought to a drier. In this drier, pre-heated air is passed over these grains with the help of fans, so that extra amount of moisture is evaporated and there is about 45% humidity left in these. To make the humidity of all the grains homogenous these are now packed in tempering tanks otherwise some of the grains may out be dried up completely, while others remain wet. It is so, the flakes obtained after pressing the processed grains under the rollers, will not be of uniform size. Moreover, it will lead to excessive breaking of too much dried grains. It is due to this reason that tempering becomes a must so that there is uniform humidity in all the flakes.



### **Flaking**

The tempered corn grains are now passed through a heavy duty flaking machine. The machine consists of a pair of water cooled rollers, of 20" dia and 24" length dimensions. After passing these grains, through these rollers, these are converted into flakes.

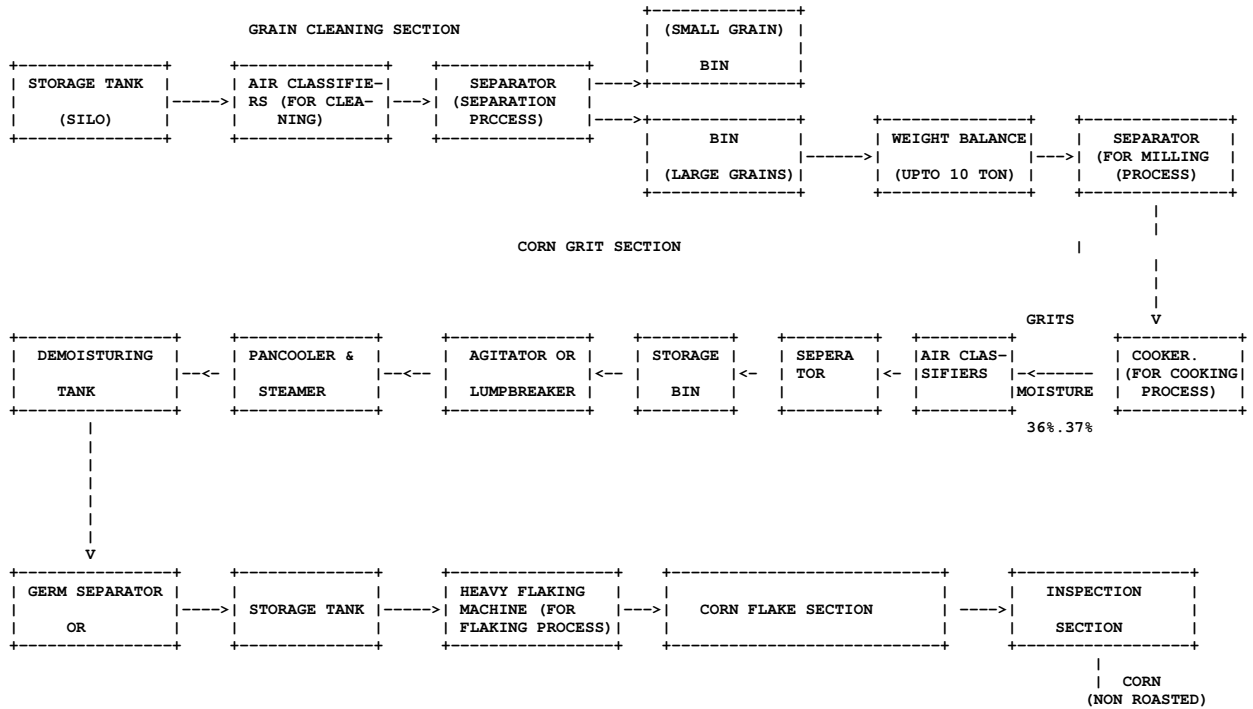
### **Packing**

The flakes have to be immediately packed, else they can absorb moisture. They can be packed in large air-seal drums for a longer storage of approximately 8-10 days. They can also be packed in polythene bags for immediate marketing.

If vitamins are to be added to the flakes, it is done so a little before packing.



PROCESS FLOW SHEET OF NON ROASTED CORN FLAKES (POHA)





**SUPPLIERS OF PLANT & MACHINERY**

**BOILERS**

D. N. Reddy, MD  
A P MOTRONIX PVT LTD  
3-18-3, Pragathi Nagar,  
Ramanthapur, Hyderabad-500013,  
Andhra Pradesh  
Phone: 040-27038560/27031929  
Email: apmotronix@satyam.net.in

K. C. Rana, MD  
A V U ENGINEERS PVT LTD  
A-15, A.P.I.E.,  
Balanagar, Hyderabad-500037,  
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Phone: +91 40 237 73235, +91 40 237 72343  
Email: avuhyderabad@rediffmail.com

Mr. M. G. Patel  
ACCU TECH ENGINEERING CO  
34, P. D. Estate,  
Near Revabhai Estate,  
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## **FURNACES**

MR. DEEPAK VANEY (MD)/MR. A K SETH  
ALIDIA POWERTRONICS PVT LTD  
SHED-1, DSIDC SCHEME-I,  
COMPUTER COMPLEX,  
OKHLA INDL. AREA,  
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Phone: 011-24963163, 24963028,  
24962638, 24967842,  
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MR. PRAVIN JOSHI,  
MR. RAJESH BARAIYA  
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## **VESSELS**

MR. A. R. PILLAI  
A V PLASTIC EQUIPMENTS PVT LTD  
A-264, MIDC, MAHAPE,  
NAVI MUMBAI-400701, MAHARASHTRA  
Phone: 912227711862/27783070  
Email: [ar\\_pillai@satyam.net.in](mailto:ar_pillai@satyam.net.in)

MR. VINUBHAI PANCHAL  
AMBIKA VIJAY WORKS  
1H, LAXMI INDUSTRIAL ESTATE,  
NEW LINKING ROAD,  
OFF. VERA DESAI ROAD,  
VERSOVA, ANDHERI (WEST),  
MUMBAI-400058, MAHARASHTRA  
Phone: 022-26366894/(R)26366222



B. B. GATKAL, MD  
CHEMAC EQUIPMENT PVT LTD  
M J D'SOUZA COMPOUND,  
SAFED POOL, SAKINAKA  
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## **KETTLES**

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Mg. Director  
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New Delhi-110064  
Phone: 011-25403729, 25494571  
Email: paintmachinery@yahoo.com



**PLANT ECONOMICS**

**Rated Plant capacity = 1.00 TON/day**  
**= 300.00 TON/annum**  
**NON ROASTED CORN FLAKES - POHA**

Basis

No. of working days = 25 days/month  
= 300 days/annum

No. of shifts = 1 per day

One shift = 8 hours

Currency - Rs.



NON ROASTED CORN FLAKES (POHA) [EIRI/DFR/0190] J.C : 7699  
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Page A- 2

**LAND & BUILDING**

1. Open Land required 1000 Sq. Mts. @ Rs. 2000/- Sq. Mt.	Rs.	20,00,000.00
2. For Manufacturing, raw material storage, finished products, office etc.). 700 Sq.Mt. @ Rs.6500/-per Mt	Rs.	45,50,000.00
3. Boundary wall etc.	Rs.	2,50,000.00
		-----
	TOTAL	Rs. 68,00,000.00
		-----



NON ROASTED CORN FLAKES (POHA) [EIRI/DFR/0190] J.C : 7699

J.C. 7699

Page A- 3

**PLANT & MACHINERY**

1. Silo for storing corn grain constructed by brick & R.C.C.	1 Nos.	1 No.	Rs.	1,00,000.00
2. Air classifiers with all accessories @ Rs. 50000/-each	2 Nos.	2 No.	Rs.	1,00,000.00
3. Separator @ Rs. 45000/-each	3 Nos.	3 No.	Rs.	1,35,000.00
4. Storage bin @ Rs. 40000/-each	6 Nos.	6 No.	Rs.	2,40,000.00
5. Weigh balance	1 Nos.		Rs.	40,000.00
6. Steam cooker	1 Nos.		Rs.	1,50,000.00
7. Agitator or lump breaker	1 Nos.		Rs.	1,00,000.00
8. Pan cooler or steamer	1 Nos.		Rs.	80,000.00
9. Germ Separator	1 Nos.	1 No.	Rs.	50,000.00
10. Heavy flaking machine	1 Nos.		Rs.	2,25,000.00
11. Misc. Equipments			Rs.	80,000.00
12. Conveyor	1 Nos.	1 No.	Rs.	60,000.00
13. Inspection conveyor	1 NOS.		Rs.	45,000.00
14. Packing Machine	1 Nos.		Rs.	85,000.00
15. Screening and cooling Equipments	1 Nos.		Rs.	45,000.00
16. Mixer for flavouring syrup	1 Nos.	1 No.	Rs.	20,000.00
17. Boiler (MINI)	1 Nos.		Rs.	1,00,000.00
18. Sifter	1 Nos.		Rs.	42,000.00
		TOTAL	Rs.	16,97,000.00



NON ROASTED CORN FLAKES (POHA) [EIRI/DFR/0190] J.C : 7699  
J.C. 7699

Page A- 4

**OTHER FIXED ASSETS**

1. Office equipment, furniture plus other equipment & accessories	Rs.	85,000.00
2. Installation costs for water, electricity, fuel etc.	Rs.	22,000.00
3. Pre-operative & preliminary expenses	Rs.	30,000.00
4. Erection, installation charges, Transportation of Machines etc.	Rs.	1,25,000.00
5. Delivery Van	Rs.	4,25,000.00
		-----
	TOTAL	Rs. 6,87,000.00
		-----





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Page A- 5

**FIXED CAPITAL**

1. LAND & BUILDING	Rs.	68,00,000.00
2. PLANT & MACHINERY	Rs.	16,97,000.00
3. OTHER FIXED ASSETS	Rs.	6,87,000.00
		-----
	TOTAL	Rs. 91,84,000.00
		-----



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Page A- 6

**WORKING CAPITAL REQUIREMENT/MONTH**

**RAW MATERIALS**

1. Corn Grain 35 M.T. @ Rs. 8000/-per quality	Rs.	2,80,000.00
2. Sugar 1.15 M.T. @ Rs. 33000/-	Rs.	37,950.00
3. Salt 0.5 M.T. @ Rs.10000/-per M.T.	Rs.	5,000.00
4. Polythene bags of different sizes @ Rs. 40/- per 100 per 300000 polythene bage of 1 kg. each.	Rs.	1,20,000.00
		-----
TOTAL	Rs.	4,42,950.00
		-----



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Page A- 7

**SALARY & WAGES / MONTH**

1. Manager cum Technologist	1 No.	Rs.	15,000.00
2. Food Technologist cum works manager	1 No.	Rs.	12,000.00
3. Supervisors	3 No.	Rs.	30,000.00
4. Checkers	4 No.	Rs.	32,000.00
5. Boiler Attendent	2 No.	Rs.	16,000.00
6. Skilled workers	6 No.	Rs.	39,000.00
7. Semi skilled workers	5 No.	Rs.	31,000.00
8. Helpers	8 No.	Rs.	48,000.00
9. Electrician	1 No.	Rs.	8,000.00
10. Peon/Watchman	2 No.	Rs.	12,000.00
11. Clerk/Typist	2 No.	Rs.	13,000.00
12. Store keepers	2 No.	Rs.	14,400.00
	TOTAL	Rs.	2,70,400.00
			-----
Plus perks @ 33% p.a.		Rs.	89,232.00
	TOTAL	Rs.	3,59,632.00
			-----



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J.C. 7699

Page A- 8

**UTILITIES AND OVERHEADS**

1. Power Consumption of 7500 Kwatt hrs @ Rs. 7.00 per Kwatt hr.	Rs.	52,500.00
2. Water Consumption of 150 KLs @ Rs. 4.00 per KL	Rs.	600.00
3. Fuel	Rs.	8,000.00
4. Consumable store	Rs.	10,000.00
5. Stationery, postage, telephone etc.	Rs.	8,000.00
6. Conv. & transportation etc.	Rs.	25,000.00
7. Publicity & sales promotion	Rs.	15,000.00
8. Administrative Exp.	Rs.	20,000.00
		-----
	TOTAL	Rs. 1,39,100.00
		-----

**Total load is 41 Kwatts**



NON ROASTED CORN FLAKES (POHA) [EIRI/DFR/0190] J.C : 7699  
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Page A- 9

**TOTAL WORKING CAPITAL/MONTH**

1. RAW MATERIAL	Rs.	4,42,950.00
2. SALARY & WAGES	Rs.	3,59,632.00
3. UTILITIES & OVERHEADS	Rs.	1,39,100.00
		-----
	TOTAL	Rs. 9,41,682.00
		-----
<b>1. WORKING CAPITAL FOR 1 MONTHS</b>	<b>Rs.</b>	<b>9,41,682.00</b>
2. MARGIN MONEY FOR W/C LOAN	Rs.	2,35,420.50

**COST OF PROJECT**

TOTAL FIXED CAPITAL	Rs.	91,84,000.00
MARGIN MONEY	Rs.	2,35,420.50
		-----
	TOTAL	Rs. 94,19,420.50
		-----



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Page A- 10

**TOTAL CAPITAL INVESTMENT**

TOTAL FIXED CAPITAL Rs. 91,84,000.00

TOTAL WORKING CAPITAL FOR 1 MONTHS  
Rs. 9,41,682.00

TOTAL -----  
Rs. 1,01,25,682.00  
-----



NON ROASTED CORN FLAKES (POHA) [EIRI/DFR/0190] J.C : 7699  
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Page A- 11

**COST OF PRODUCTION/ANNUM**

1. Working Capital for 1 year	Rs. 1,13,00,184.00
2. Interest @ 13.50% on T.C.I	Rs. 13,66,967.07
3. Depreciation @ 10.00% on buildings	Rs. 4,80,000.00
4. Depreciation @ 20.00% on Plant and Machinery	Rs. 3,39,400.00
5. Depreciation @ 20.00% on office equipment & furnitures	Rs. 17,000.00
TOTAL	Rs. 1,35,03,551.07



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Page A- 12

**TURN OVER/ANNUM**

1. By sales of 300 MT. of Non Roasted  
Corn Flakes. @ Rs. 80000/-ton. Rs. 2,40,00,000.00

TOTAL Rs. 2,40,00,000.00

$$\begin{aligned}\text{PROFIT} &= \text{RECEIPTS} - \text{COST OF PRODUCTION} \\ &= 2,40,00,000.00 - 1,35,03,551.07 \\ &= 1,04,96,448.93\end{aligned}$$

$$\begin{aligned}\text{PROFIT SALES RATIO} &= \text{Profit} / \text{Sales} \times 100 \\ &= \frac{1,04,96,448.93}{2,40,00,000.00} \times 100 \\ &= \mathbf{43.74 \%}\end{aligned}$$

$$\begin{aligned}\text{RATE OF RETURN} &= \text{Operating profit} / \text{T.C.I} \times 100 \\ &= \frac{1,04,96,448.93}{1,01,25,682.00} \times 100 \\ &= \mathbf{103.66 \%}\end{aligned}$$





NON ROASTED CORN FLAKES (POHA) [EIRI/DFR/0190] J.C : 7699  
J.C. 7699

Page A- 13

**BREAK EVEN POINT (B.E.P)**

Fixed Costs of the plant are as under -

1. Interests	Rs.	13,66,967.07
2. Depreciation	Rs.	8,36,400.00
3. 40.00% of salaries	Rs.	17,26,233.60
4. 40.00% of overheads	Rs.	6,67,680.00
	TOTAL	Rs. 45,97,280.67

$$\begin{aligned} \text{B.E.P.} &= \frac{\text{FIXED COSTS}}{\text{FIXED COSTS} + \text{PROFIT}} \times 100 \\ &= \frac{45,97,280.67}{45,97,280.67 + 1,04,96,448.93} \times 100 \\ &= \mathbf{30.46 \%} \end{aligned}$$

LAND MAN RATIO = Total land / Manpower

1000 : 37 :: 27 : 1



NON ROASTED CORN FLAKES (POHA) [EIRI/DFR/0190] J.C : 7699  
J.C. 7699

Page A- 14

**RESOURCES FOR FINANCE**

1. Term loans from Financial institutions  
( 65.00 % of fixed capital )  
at @13.50% p.a rate of interest                      Rs.        59,69,600.00
  
2. Bank loans for 3 months  
( 65.00 % of working capital )  
at @ 13.50% p.a rate of interest                      Rs.        6,12,093.30
  
3. Self raised capital from even  
funds & loans from close ones to  
meet the margin money needs at a  
@ 13.50% p.a rate of interest                      Rs.        35,43,988.70

**TOTAL**                      -----  
**Rs. 1,01,25,682.00**  
-----



We hope **Detailed Feasibility Report** in your possession at the time, must have conveyed you the elementary idea on process data, market and economics. We feel you must have now taken a decision to finalize your project plan for ultimate implementation in a successful manner. Before you go ahead, we suggest you to take our **MARKET SURVEY CUM DETAILED TECHNO ECONOMIC FEASIBILITY REPORT**.

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**Brief contents of MARKET SURVEY CUM DETAILED TECHNO ECONOMIC FEASIBILITY REPORT** are as under :

- Introduction
- Properties
- BIS (Bureau of Indian Standard) Specifications & Requirements
- Uses & Applications
- Present Indian Market Position
- Expected Future Demand
- Export & Import Statistics Data
- Names and Addresses of Existing Units (Present Manufactures)
- List of Plant & Machineries
- Miscellaneous Items and Accessories
- Instruments, Laboratory Equipments and Accessories
- Electrification, Electric Load and Water
- Maintenance, Suppliers/Manufacturers of Plant and Machineries
- Process of Manufacture with formulae if applicable
- Flow Sheet Diagram
- List of Raw Materials
- Availability of Raw Materials
- Requirement of Staff & Labour
- Personnel Management
- Skilled & Unskilled Labour
- Requirement of Land Area
- Built up Area
- Plant Layout.

**along with financial details as under:**

Summary of Capital Cost of Project  
Land & Side Development Exp.  
Buildings  
Plant & Machineries  
Misc. Fixed Assets  
Technical Know how Fees & Exp.  
Preliminary Expenses  
Pre-operative Expenses  
Provision for Contingencies

below mentioned financial statements (Annexure) will be for 5 to 10 Years

- Annexure :: Cost of Project and Means of Finance
- Annexure :: Output, Profitability and Cash Flow Chart
- Annexure :: Assessment of Working Capital requirements



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Annexure ::	Sources of Finance
Annexure ::	Balance Sheets
Annexure ::	Break-Even Analysis and profitability analysis.
Annexure ::	Quantitative Details-Output/Sales/Stocks
Annexure ::	Sales Realisation
Annexure ::	Raw Material Cost
Annexure ::	Other Raw Material Cost
Annexure ::	Packing Material Cost
Annexure ::	Consumables, Store etc.,
Annexure ::	Employees Expenses
Annexure ::	Fuel Expenses
Annexure ::	Power/Electricity Expenses
Annexure ::	Repairs & Maintenance Exp.
Annexure ::	Other Mfg. Expenses
Annexure ::	Administration Expenses
Annexure ::	Selling Expenses
Annexure ::	Depreciation Charges - Profitability
Annexure ::	Depreciation Charges
Annexure ::	Interest and Repayment - Term Loans
Annexure ::	Tax on Profit
Annexure ::	Assumptions for Profitability workings
Annexure ::	Assessment of Working Capital

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