## PROJECT REPORT

## Of

## TOMATO KETCHUP PLANT

## PURPOSE OF THE DOCUMENT

This particular pre-feasibility is regarding Tomato Ketchup 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.]

## TOMATO KETCHUP PLANT

## Introduction

Ketchup, also known as catsup, ketsup, red sauce, and tomato sauce, is a sauce used as a condiment. Originally, recipes used egg whites, mushrooms, oysters, grapes, mussels, or walnuts, among other ingredients, but now the unmodified term usually refers to tomato ketchup.

Ketchup is a sweet and tangy sauce now typically made from tomatoes, sugar and vinegar, with assorted seasonings and spices. The specific spices and flavours vary, But commonly include onions, allspice, coriander, cloves, cumin, garlic, and mustard, and sometimes include celery, cinnamon, or ginger.

Tomato ketchup is most often used as a condiment to dishes that are usually served hot and may be fried or greasy: French fries, hamburgers, hot dogs, chicken tenders, tater tots, hot sandwiches, meat pies, cooked eggs, and grilled or fried meat. Ketchup is sometimes used as the basis for, or as one ingredient in, other sauces and dressings, and the flavour may be replicated as an additive flavouring for snacks such as potato chips.

In fast food outlets, ketchup is often dispensed in small sachets or tubs. Diners tear the side or top and squeeze the ketchup out of the ketchup packets, or peel the foil lid off the tub for dipping. In 2011, Heinz began offering a new measured-portion package, called the "Dip and Squeeze" packet, which can be opened in either way, giving both options.
Some fast food outlets previously dispensed ketchup from handoperated pumps into paper cups. This method has made a comeback in the first decade of the 21st century, as cost and environmental concerns over the increasing use of individual plastic ketchup tubs were taken into account.

## Ingredients

The main ingredients of ketchup are tomatoes, sweeteners, vinegar, salt, spices, flavourings, onion, and/or garlic. The types of sweetener used are usually granulated cane sugar or beet sugar. Other sweeteners include dextrose or liquid sugar in the form of corn or glucose syrup.

The various brands of ketchup have slightly different formulas, which vary primarily in the amounts of spices or flavorings. Thicker consistencies require a greater ratio of sugar and spices relative to the tomato juice. Occasionally formulas must be slightly adjusted according to variations in the acid and sugar content of tomatoes, which occurs with changes in growing conditions and types of tomatoes.

## Health Benefit of Tomato Sauce

1. It reduces risk of prostate cancer: Eating tomato sauce two or more times a week reduces a man's risk of developing prostate cancer by around 20 per cent.
2. It increases sperm count: Lycopene, which gives tomatoes their red colour, could also boost male fertility.
3. It cuts cholesterol: Tests carried out by Finnish scientists found that ketchup could cut low-density lipoprotein, aka 'bad cholesterol'.
4. It improves your eyesight: As well as being high in vitamin $C$ and low in fat, ketchup contains vitamin A, which is key for a healthy immune system and, perhaps crucially, good vision.
5. It makes actually healthy food bearable to eat: Let's be honest here - despite the health benefits above, ketchup is also packed with sugar and salt, so it's possibly not the best thing for a serious health kick.

## Description of Tomato Ketchup Machine

## Machinery for Tomato Ketchup includes the following:

- Fruit Mill
- Fruit Pulper
- Cooking Kettle
- Pulp Collection Tank
- Vaccum Filling Machine
- Crown Corking
- Boiler
- Pouch Packaging Machine
- MS pipeline
- Installation \& Commissioning

Tomato ketchup machines is mainly used to produce final eatable Tomato sauce from the raw material. With the help of these machines the work of washing, pulping, mixing, homogenizing, boiling, filling \& sealing completes in a very short span.

## Tomato Ketchup Market Analysis

According to the "India Ketch Up, Pizza \& Pasta Sauces Market Outlook, 2023" report. Tomato Ketchup market is primarily driven by the growing demand for fast food and increasing number of QSRs across the country.

According to the report, currently, the market for tomato ketchups and sauces is anticipated to reach to more than INR 2000 crores. The major companies in this market are Swiss company Nestle with its brand Maggi, which holds a lion share of more than a third of share in the market, Hindustan Unilever Limited with its brand Kissan, that holds a share of more than a quarter of the market and G.D. Foods with Tops brand. These three companies together hold the market share of more than three-fourth of the total market of ketchup and sauces.

## Tomato Ketchup Manufacturing Process

- Procurement of tomatoes.
- Firstly, washing of tomatoes and then sort the good quality tomatoes.
- After that put the chopped tomato into the twin pulper, which separate seeds, skins, and stems from the pulp.
- Cooking \& add ingredients: Then the pulp is pumped into cooking tanks or kettles and heated to boiling. Foaming may occur if fresh tomato pulp is used, but can be corrected with anti-foaming compounds or compressed air. Precise amounts of sweeteners, vinegar, salt, spices, and flavourings are added to the tomato pulp. Most spices are added early in the cooking process.
- Finishing: Once the cooking is complete, the ketchup mixture passes through a finishing machine. Finishers remove excess fibre and particles through screens, creating a smoother consistency.
- Removing Air: The ketchup must be de-aerated to prevent discoloration and growth of bacteria. Excess air might also create unattractive air pockets and impede the closure process.
- Filling: To prevent contamination, the ketchup passes from the receiving tanks to the filling machines at a temperature not lower than $190^{\circ} \mathrm{F}\left(88^{\circ} \mathrm{C}\right)$. The containers are filled with the ketchup and immediately sealed to retain the freshness of the product.
- Cooling
- Labelling \& Packaging


## Machinery \&Equipment's required:

| S.N. | Name | Cost |
| :--- | :--- | :---: |
| 1 | Fruit Crusher | 21,000 |
| 2 | Pulper | 35,000 |
| 3 | Kettle | 42,000 |
| 4 | Pulp collection Tank | 21,000 |
| 5 | Vacuum filler | 45,000 |
| 6 | Crown corking Machine | 10,500 |
| 7 | Boiler | $2,10,000$ |
| 8 | Pouch packaging | $1,15,000$ |
| 9 | Ms Pipeline | 15,000 |
| 10 | Installation commission | 25,000 |
|  | Total | $5,39,500$ |

* Cost of the machine is exclusive of GST \& other transportation cost \& value of the machine varies with the change in batch size.


## Land \&Building required:

Land required 1500 Square Feet (approx.)
Approximate rent for the same is 30000 .

## Labour Requirement:

6 Manpower is required for Tomato Ketchup Plant.
Includes:
1 skilled Labour
4-5 Unskilled Labour

Raw Material Requirement of Tomato Sauce

| S.N. | Particulars | Rate per KG |
| :---: | :--- | :---: |
| 1 | Tomato | 10 |
| 2 | Onion Powder | 70 |
| 3 | Garlic powder | 70 |
| 4 | Red chilli powder | 150 |
| 5 | Green Chilli | $49-55$ |
| 6 | Pumpkin | 16 |
| 7 | Acetic Acid | 110 |
| 8 | Citric Acid | 80 |
| 9 | Sodium Benzoate | 150 |
| 10 | Potassium Solvate | 300 |
| 11 | Ginger | $52-57$ |

Average raw material cost per KG: Rs. 20-25

## Packaging Cost of Tomato Sauce

## Pouch Packaging

| S.N. | Particulars | Cost per packet/ KG |
| :---: | :--- | :---: |
| 1 | 250 Gram | Rs. 3.56 per packet |
| 2 | 400 Gram | Rs. 4.23 per packet |
| 3 | 1 KG | Rs. 5.44 per packet |
| 4 | 8 Grams | Rs. 210 per KG |

Average packaging cost per KG: Rs. 6

## Size of the product

Tomato Ketchup are packed in three types of packaging product with different sizes.

## Pouch Packaging Size

- 8 gram
- 100 gram
- 250 gram
- 500 gram
- 1 KG


## Tomato Ketchup License \&registration

## For Proprietor:

- Obtain the GST registration.
- FSSAI License.
- Fire/ Pollution Registration as required.
- Choice of a Brand Name of the product and secure the name with Trademark if required.


## Implementation Schedule

| S.N. | Activity | Time Required <br> (in Months) |
| :---: | :--- | :---: |
| 1 | Acquisition Of premises | 1 |
| 2 | Construction (if Applicable) | $1-2$ Months |
| 3 | Procurement \& installation of Plant \& Machinery | 1 |
| 4 | Arrangement of Finance | 1 |
| 5 | Requirement of required Manpower | 1 |
|  | Total time Required (some activities shall run <br> concurrently) | $2-3$ Months |

## Conclusion:

After completion of manufacturing process, product is ready to sell in the market. This machine can be installed with low investment \& one can earn a good Margin of profit by doing this business.


| Pre-operative Expenses <br> Contingencies <br> Working Capital |  |
| :--- | ---: |
| Requirement |  |
| Total | 5.00 |

## MEANS OF FINANCE

| Particulars | Amount |  |
| :--- | ---: | :---: |
| Own Contribution 1.18 <br> Bank Finance  | 6.09 |  |
| working capital <br> from bank | 9.00 |  |
| Total | 16.27 |  |
| KVIC Margin <br> Monery | 25\% of 6.77 Lacs |  |
| (1.69 Lacs) |  |  |

## FINANCIAL ASSISTANCE REQUIRED

Term Loan of Rs. 6.09 Lacs and Working Capital limit of Rs. 4.50 Lacs

| $\begin{aligned} & \text { COST OF } \\ & \hline \text { PROJECT } \\ & \hline \end{aligned}$ | PARTICULARS | AMOUNT | AMOUNT | AMOUNT |
| :---: | :---: | :---: | :---: | :---: |
| MEANS OF FINANCE |  |  | 10.00\% | 90.00\% |
|  | Building Civil Work |  |  |  |
|  | Plant \& Machinery | 6.37 | 0.64 | 5.73 |
|  | Assets | 0.40 | 0.04 | 0.36 |
|  | Working capital | 5.00 | 0.50 | 4.50 |
|  | Total | 11.77 | 1.28 | 10.59 |
|  | PARTICULARS |  |  | AMOUNT |
|  | Own Contribution |  |  | 1.18 |
|  | Bank Loan |  |  | 6.09 |
|  | Working capital Limit |  |  | 4.50 |
|  | Total |  |  | 11.77 |


| COMPUTATION OF PRODUCTION OF TOMATO KETCHUP |
| :--- | :--- |
| Items to be Manufactured |
| Tomato Ketchup |
| machine capacity per day  <br> machine capacity per annum 100 KG per hour <br> wastage 192000 KG <br> Raw Material Requirement $202,105 \quad$ KG |


| Production of Tomato Ketchup |  |  |
| :--- | :---: | :--- |
| Production | Capacity | KG |
| 1st year | $50 \%$ | 96,000 |
| 2nd year | $55 \%$ | 105,600 |
| 3rd year | $60 \%$ | 115,200 |
| 4th year | $65 \%$ | 124,800 |
| 5th year | $70 \%$ | 134,400 |


| Raw Material Cost |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | Capacity <br> Utilisation | KG | Amount |
| (Rs. in lacs) |  |  |  |$|$| 1st year | $50 \%$ | 25.00 | 25.26 |
| :---: | :---: | :---: | :---: |
| 2nd year | $55 \%$ | 25.50 | 28.35 |
| 3rd year | $60 \%$ | 26.00 | 31.53 |
| 4th year | $65 \%$ | 26.50 | 34.81 |
| 5th year | $70 \%$ | 27.00 | 38.20 |


| Packaging Charges |  |  |  |
| :--- | ---: | ---: | :---: |
| Raw <br> Material | Bottle | Rate per <br> Bottle | Amount <br> (Rs. in lacs) |
| 1st year | 96,000 | 6.00 | 5.76 |
| 2nd year | 105,600 | 6.50 | 6.86 |
| 3rd year | 115,200 | 7.00 | 8.06 |
| 4th year | 124,800 | 7.50 | 9.36 |
| 5th year | 134,400 | 8.00 | 10.75 |


| COMPUTATION OF SALE |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Particulars | 1st year | 2nd year | 3rd year | 4th year | 5th year |  |
| Op Stock |  | - | 8,000 | 8,800 | 9,600 |  |
| Production | 96,000 | 105,600 | 115,200 | 124,800 | 134,400 |  |
| Less : Closing Stock | 8,000 | 8,800 | 9,600 | 10,400 | 11,200 |  |
| Net Sale | $\mathbf{8 8 , 0 0 0}$ | $\mathbf{1 0 4 , 8 0 0}$ | $\mathbf{1 1 4 , 4 0 0}$ | $\mathbf{1 2 4 , 0 0 0}$ | $\mathbf{1 3 3 , 6 0 0}$ |  |
| sale price per KG | 50.00 | 51.00 | 52.00 | 53.00 | 54.00 |  |
| Sales (in Lacs) | 44.00 | 53.45 | 59.49 | 65.72 | 72.14 |  |


| BREAK UP OF LABOUR CHARGES |  |  |  |
| :--- | :---: | :---: | :---: |
| Particulars | Wages <br> Per Month | No of <br> Employees | Total <br> Salary |
| Skilled | 12000 | 1 | 12000 |
| Unskilled | 10000 | 5 | 50000 |
| Total Salary Per Month |  |  | 62000 |
|  |  |  |  |
| Total Annual Labour Charges | (in Lacs) |  | $\mathbf{7 . 4 4}$ |


| BREAK UP OF STAFF Charges |  |  |  |
| :--- | :---: | :---: | :---: |
| Particulars | Wages <br> Per Month | No of <br> Employees | Total <br> Salary |
| Accountant | 12000 | 1 | 12000 |
| Helper | 7000 | 1 | 7000 |
| Total Salary Per Month |  |  | 19000 |
| Total Annual Labour Charges | (in Lacs) |  | $\mathbf{2 . 2 8}$ |


| Utility Charges at 100\% capacity (per month) |  |  |
| :--- | ---: | :--- |
| Particulars | value | Description |
| Power connection required | 7 | KWH |
| consumption per day | 56 | units |
| Consumption per month | 1400 | units |
| Rate per Unit | 7 | Rs. |
| power Bill per month | 9800 | Rs. |


| PROJECTED PROFITABILITY STATEMENT |  |  | - |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PARTICULARS | 1st year | 2nd year | 3rd year | 4th year | 5th year |
| Capacity Utilisation \% SALES | 50\% | 55\% | 60\% | 65\% | 70\% |
| Gross Sale |  |  |  |  |  |
| Tomato Ketchup | 44.00 | 53.45 | 59.49 | 65.72 | 72.14 |
| Total | 44.00 | 53.45 | 59.49 | 65.72 | 72.14 |
| COST OF SALES |  |  |  |  |  |
| Raw Mateiral Consumed | 25.26 | 28.35 | 31.53 | 34.81 | 38.20 |
| Elecricity Expenses | 1.18 | 1.29 | 1.42 | 1.57 | 1.72 |
| Depriciation | 1.00 | 0.85 | 0.72 | 0.62 | 0.53 |
| Consumables | 1.32 | 1.60 | 1.78 | 1.64 | 1.44 |
| Repair \& maintennace | 0.88 | 1.18 | 1.31 | 1.45 | 1.59 |
| other direct expenses | 1.19 | 1.44 | 1.61 | 1.77 | 1.95 |
| Bottle charges | 5.76 | 6.86 | 8.06 | 9.36 | 10.75 |
| Cost of Production | 36.58 | 41.57 | 46.44 | 51.22 | 56.17 |
| Add: Opening Stock /WIP | - | 3.05 | 3.46 | 3.87 | 4.27 |
| Less: Closing Stock /WIP | 3.05 | 3.46 | 3.87 | 4.27 | 4.68 |
| Cost of Sales | 33.53 | 41.16 | 46.03 | 50.82 | 55.76 |
| GROSS PROFIT | 10.47 | 12.29 | 13.46 | 14.90 | 16.38 |
| salary to staff | 2.28 | 2.51 | 2.76 | 3.03 | 3.34 |
| Interest on Term Loan | 0.60 | 0.57 | 0.46 | 0.35 | 0.05 |
| Interest on working Capital | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 |
| Rent | 3.60 | 3.96 | 4.36 | 4.79 | 5.27 |


| Selling \& adm Exp | 1.32 | 2.14 | 2.68 | 2.96 | 3.39 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| TOTAL | $\mathbf{8 . 3 0}$ | $\mathbf{9 . 6 7}$ | $\mathbf{1 0 . 7 5}$ | $\mathbf{1 1 . 6 3}$ | $\mathbf{1 2 . 5 4}$ |
| NET PROFIT |  |  |  |  |  |
| Taxation <br> PROFIT (After Tax) | 2.17 | 2.62 | 2.71 | 3.27 | 3.84 |


| PROJECTED BALANCE SHEET |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PARTICULARS | 1st year | 2nd year | 3rd year | 4th year | 5th year |
| Liabilities |  |  |  |  |  |
| Capital |  |  |  |  |  |
| opening balance |  | 2.34 | 3.47 | 4.58 | 6.15 |
| Add:- Own Capital | 1.18 |  |  |  |  |
| Add:- Retained Profit | 2.17 | 2.62 | 2.71 | 3.27 | 3.84 |
| Less:- Drawings | 1.00 | 1.50 | 1.60 | 1.70 | 2.00 |
| Closing Blance | 2.34 | 3.47 | 4.58 | 6.15 | 7.99 |
| Subsidy Reserve | 1.69 | 1.69 | 1.69 | - | - |
| Term Loan | 5.60 | 4.62 | 3.63 | 0.96 | 0.06 |
| Working Capital Limit | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 |
| Sundry Creditors | 1.26 | 1.32 | 1.58 | 1.74 | 1.91 |
| Provisions \& Other Liab | 0.30 | 0.40 | 0.55 | 0.66 | 0.83 |
| TOTAL : | 15.70 | 16.00 | 16.53 | 14.01 | 15.28 |
| Assets |  |  |  |  |  |
| Fixed Assets (Gross) | 6.77 | 6.77 | 6.77 | 6.77 | 6.77 |
| Gross Dep. | 1.00 | 1.84 | 2.57 | 3.18 | 3.71 |
| Net Fixed Assets | 5.78 | 4.93 | 4.20 | 3.59 | 3.06 |
| FD of Subsidy | 1.69 | 1.69 | 1.69 |  |  |
| Current Assets |  |  |  |  |  |
| Sundry Debtors | 1.47 | 1.78 | 2.23 | 2.25 | 2.40 |
| Stock in Hand | 5.15 | 5.83 | 6.50 | 7.17 | 7.86 |
| Cash and Bank | 1.61 | 1.77 | 1.91 | 1.01 | 1.97 |
| TOTAL : | 15.70 | 16.00 | 16.53 | 14.01 | 15.31 |


| PROJECTED CASH FLOW STATEMENT |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PARTICULARS | 1st year | 2nd year | 3rd year | 4th year | 5th year |
| SOURCES OF FUND |  |  |  |  |  |
| Own Margin | 1.18 |  |  |  |  |
| Net Profit | 2.17 | 2.62 | 2.71 | 3.27 | 3.84 |
| Depriciation \& Exp. W/off | 1.00 | 0.85 | 0.72 | 0.62 | 0.53 |
| Increase in Cash Credit | 4.50 | - | - | - | - |
| Increase In Term Loan | 6.09 | - | - | - | - |
| Increase in Creditors | 1.26 | 0.06 | 0.25 | 0.16 | 0.17 |
| Increase in Provisions \& Oth lib | 0.30 | 0.10 | 0.15 | 0.11 | 0.17 |
| increase in subsidy | 1.69 |  |  |  |  |
| TOTAL: | 18.19 | 3.63 | 3.84 | 4.16 | 4.70 |
| APPLICATION OF FUND |  |  |  |  |  |
| Increase in Fixed Assets | 6.77 |  |  |  |  |
| Increase in Stock | 5.15 | 0.67 | 0.67 | 0.67 | 0.70 |
| Increase in Debtors | 1.47 | 0.31 | 0.45 | 0.01 | 0.16 |
| Repayment of Term Loan | 0.49 | 0.98 | 0.98 | 2.67 | 0.88 |
| Increase in FD | 1.69 | - | - | - |  |
| Drawings | 1.00 | 1.50 | 1.60 | 1.70 | 2.00 |
| Taxation | - | - | - | - | - |
| TOTAL: | 16.57 | 3.47 | 3.70 | 5.06 | 3.73 |
| Opening Cash \& Bank Balance | - | 1.61 | 1.77 | 1.91 | 1.01 |
| Add: Surplus | 1.61 | 0.16 | 0.13 - | 0.90 | 0.97 |
| Closing Cash \& Bank Balance | 1.61 | 1.77 | 1.91 | 1.01 | 1.97 |


| COMPUTATION OF CLOSING STOCK \& WORKING CAPITAL |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PARTICULARS | 1st year | 2nd year | 3rd year | 4th year | 5th year |
| Finished Goods |  |  |  |  |  |
|  | 3.05 | 3.46 | 3.87 | 4.27 | 4.68 |
| Raw Material |  |  |  |  |  |
|  | 2.11 | 2.36 | 2.63 | 2.90 | 3.18 |
| Closing Stock | 5.15 | 5.83 | 6.50 | 7.17 | 7.86 |


| COMPUTATION OF WORKING CAPITAL REQUIREMENT |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :---: | :---: | :---: |
| TRADITIONAL METHOD | Amount | Own Margin | Bank Finance |  |  |  |  |
| Particulars | 5.15 |  |  |  |  |  |  |
| Finished Goods \& Raw Material | 1.26 |  |  |  |  |  |  |
| Less : Creditors | 3.89 | $10 \%$ | $\mathbf{0 . 3 9}$ | $90 \%$ |  |  |  |
| Paid stock | 1.47 | $10 \%$ | $\mathbf{0 . 1 5}$ | $\mathbf{3 . 5 0}$ |  |  |  |
| Sundry Debtors | 5.36 |  | $\mathbf{0 . 5 4}$ |  |  |  |  |


| 2nd Method |  |  |
| :--- | ---: | ---: |
| PARTICULARS | 1st year | 2nd year |
| Total Current Assets | 8.23 | 9.38 |
| Other Current Liabilities | 1.56 | 1.72 |
| Working Capital Gap | 6.67 | 7.66 |
| Min Working Capital | 1.67 | 1.91 |
| 25\% of WCG | $\mathbf{2 . 1 7}$ | $\mathbf{3 . 1 6}$ |
| Actual NWC | $\mathbf{5 . 0 0}$ | $\mathbf{5 . 7 4}$ |
| item III - IV | $\mathbf{4 . 5 0}$ | $\mathbf{4 . 5 0}$ |
| item III - V | $\mathbf{4 . 5 0}$ | $\mathbf{4 . 5 0}$ |
| MPBF (Lower of VI \& VII) |  |  |


| 3rd Method |  |  |
| :--- | ---: | ---: |
| PARTICULARS | 1st year | 2nd year |
| Total Current Assets | 1.56 | 9.38 |
| Other Current Liabilities | 6.67 | 1.72 |
| Working Capital Gap |  | 7.66 |
| Min Working Capital | $\mathbf{2 . 0 6}$ | $\mathbf{2 . 3 5}$ |
| 25\% of Current Assets | $\mathbf{2 . 1 7}$ | $\mathbf{3 . 1 6}$ |
| Actual NWC | $\mathbf{4 . 6 1}$ | $\mathbf{5 . 3 1}$ |
| item III - IV | $\mathbf{4 . 5 0}$ | $\mathbf{4 . 5 0}$ |
| item III - V | $\mathbf{4 . 5 0}$ | $\mathbf{4 . 5 0}$ |
| MPBF (Lower of VI \& VII) |  |  |


| COMPUTATION OF DEPRECIATION |  |  |  |
| :---: | :---: | :---: | :---: |
| Description | Plant \& Machinery | Furniture | TOTAL |
| Rate of Depreciation | 15.00\% | 10.00\% |  |
| Opening Balance | - | - | - |
| Addition | 6.37 | 0.40 | 6.77 |
| Total | 6.37 | 0.40 | 6.77 |
| Less: Depreciation | 0.96 | 0.04 | 1.00 |
| WDV at end of Year | 5.42 | 0.36 | 5.78 |
| Additions During The Year | - | - | - |
| Total | 5.42 | 0.36 | 5.78 |
| Less: Depreciation | 0.81 | 0.04 | 0.85 |
| WDV at end of Year | 4.60 | 0.32 | 4.93 |
| Additions During The Year | - | - | - |
| Total | 4.60 | 0.32 | 4.93 |
| Less: Depreciation | 0.69 | 0.03 | 0.72 |
| WDV at end of Year | 3.91 | 0.29 | 4.20 |
| Additions During The Year | - | - | - |
| Total | 3.91 | 0.29 | 4.20 |
| Less: Depreciation | 0.59 | 0.03 | 0.62 |
| WDV at end of Year | 3.33 | 0.26 | 3.59 |
| Additions During The Year | - | - | - |
| Total | 3.33 | 0.26 | 3.59 |
| Less: Depreciation | 0.50 | 0.03 | 0.53 |
| WDV at end of Year | 2.83 | 0.24 | 3.06 |
| s | - | - | - |
| Total | 2.83 | 0.24 | 3.06 |


| Less : Depreciation | 0.42 | 0.02 | 0.45 |
| :--- | :---: | ---: | :---: |
| WDV at end of Year | $\mathbf{2 . 4 0}$ | $\mathbf{0 . 2 1}$ | $\mathbf{2 . 6 2}$ |
| Less : Depreciation | 0.36 | 0.02 | 0.38 |
| WDV at end of Year | $\mathbf{2 . 0 4}$ | $\mathbf{0 . 1 9}$ | $\mathbf{2 . 2 3}$ |
| Less : Depreciation | 0.31 | 0.02 | 0.33 |
| WDV at end of Year | $\mathbf{1 . 7 4}$ | $\mathbf{0 . 1 7}$ | $\mathbf{1 . 9 1}$ |

## CALCULATION OF D.S.C.R

| PARTICULARS | 1st <br> year | 2nd <br> year | 3rd <br> year | 4th <br> year | 5th <br> year |
| :--- | :---: | :---: | :---: | :---: | :---: |
| CASH ACCRUALS | 3.16 | 3.47 | 3.43 | 3.89 | 4.37 |
| Interest on Term Loan | 0.60 | 0.57 | 0.46 | 0.35 | 0.05 |
| Total | 3.77 | 4.04 | 3.89 | 4.24 | 4.41 |
|  |  |  |  |  |  |
| REPAYMENT |  |  |  |  |  |
| Instalment of Term Loan | 0.49 | 0.98 | 0.98 | 2.67 | 0.88 |
| Interest on Term Loan | 0.60 | 0.57 | 0.46 | 0.35 | 0.05 |
|  |  |  |  |  |  |
| Total | 1.10 | 1.55 | 1.44 | 3.02 | 0.93 |
|  |  |  |  |  |  |
| DEBT SERVICE COVERAGE RATIO | $\mathbf{3 . 4 4}$ | $\mathbf{2 . 6 0}$ | $\mathbf{2 . 7 0}$ | $\mathbf{1 . 4 0}$ | $\mathbf{4 . 7 6}$ |
| AVERAGE D.S.C.R. |  |  | $\mathbf{2 . 9 8}$ |  |  |


| REPAYMENT SCHEDULE OF TERM LOAN |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Interest | 11.00\% |
| Year | Particulars | Amount | Addition | Total | Interest | Repayment | Closing <br> Balance |
|  | Opening Balance |  |  |  |  |  |  |
|  | 1st month | - | 6.09 | 6.09 | - | - | 6.09 |
|  | 2nd month | 6.09 | - | 6.09 | 0.06 | - | 6.09 |
|  | 3rd month | 6.09 | - | 6.09 | 0.06 | - | 6.09 |
|  | 4th month | 6.09 | - | 6.09 | 0.06 |  | 6.09 |
|  | 5th month | 6.09 | - | 6.09 | 0.06 |  | 6.09 |
|  | 6th month | 6.09 | - | 6.09 | 0.06 |  | 6.09 |
|  | 7th month | 6.09 | - | 6.09 | 0.06 | 0.082 | 6.01 |
|  | 8th month | 6.01 | - | 6.01 | 0.06 | 0.082 | 5.93 |
|  | 9th month | 5.93 | - | 5.93 | 0.05 | 0.082 | 5.85 |
|  | 10th month | 5.85 | - | 5.85 | 0.05 | 0.082 | 5.77 |
|  | 11th month | 5.77 | - | 5.77 | 0.05 | 0.082 | 5.68 |
|  | 12th month | 5.68 | - | 5.68 | 0.05 | 0.082 | 5.60 |
|  |  |  |  |  | 0.60 | 0.492 |  |
| 2nd | Opening Balance |  |  |  |  |  |  |
|  | 1st month | 5.60 | - | 5.60 | 0.05 | 0.082 | 5.52 |
|  | 2nd month | 5.52 | - | 5.52 | 0.05 | 0.082 | 5.44 |
|  | 3rd month | 5.44 | - | 5.44 | 0.05 | 0.082 | 5.36 |
|  | 4th month | 5.36 | - | 5.36 | 0.05 | 0.082 | 5.27 |
|  | 5th month | 5.27 | - | 5.27 | 0.05 | 0.082 | 5.19 |
|  | 6th month | 5.19 | - | 5.19 | 0.05 | 0.082 | 5.11 |
|  | 7th month | 5.11 | - | 5.11 | 0.05 | 0.082 | 5.03 |
|  | 8th month | 5.03 | - | 5.03 | 0.05 | 0.082 | 4.95 |
|  | 9th month | 4.95 | - | 4.95 | 0.05 | 0.082 | 4.86 |
|  | 10th month | 4.86 | - | 4.86 | 0.04 | 0.082 | 4.78 |
|  | 11th month | 4.78 | - | 4.78 | 0.04 | 0.082 | 4.70 |
|  | 12th month | 4.70 | - | 4.70 | 0.04 | 0.082 | 4.62 |


|  |  |  |  |  | 0.57 | 0.984 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3rd | Opening Balance |  |  |  |  |  |  |
|  | 1st month | 4.62 | - | 4.62 | 0.04 | 0.082 | 4.54 |
|  | 2nd month | 4.54 | - | 4.54 | 0.04 | 0.082 | 4.45 |
|  | 3rd month | 4.45 | - | 4.45 | 0.04 | 0.082 | 4.37 |
|  | 4th month | 4.37 | - | 4.37 | 0.04 | 0.082 | 4.29 |
|  | 5th month | 4.29 | - | 4.29 | 0.04 | 0.082 | 4.21 |
|  | 6th month | 4.21 | - | 4.21 | 0.04 | 0.082 | 4.13 |
|  | 7th month | 4.13 | - | 4.13 | 0.04 | 0.082 | 4.04 |
|  | 8th month | 4.04 | - | 4.04 | 0.04 | 0.082 | 3.96 |
|  | 9th month | 3.96 | - | 3.96 | 0.04 | 0.082 | 3.88 |
|  | 10th month | 3.88 | - | 3.88 | 0.04 | 0.082 | 3.80 |
|  | 11th month | 3.80 | - | 3.80 | 0.03 | 0.082 | 3.72 |
|  | 12th month | 3.72 | - | 3.72 | 0.03 | 0.082 | 3.63 |
|  |  |  |  |  | 0.46 | 0.984 |  |
| 4th | Opening Balance |  |  |  |  |  |  |
|  | 1st month | 3.63 | - | 3.63 | 0.03 | 0.082 | 3.55 |
|  | 2nd month | 3.55 | - | 3.55 | 0.03 | 0.082 | 3.47 |
|  | 3rd month | 3.47 | - | 3.47 | 0.03 | 0.082 | 3.39 |
|  | 4th month | 3.39 | - | 3.39 | 0.03 | 0.082 | 3.31 |
|  | 5th month | 3.31 | - | 3.31 | 0.03 | 0.082 | 3.22 |
|  | 6th month | 3.22 | - | 3.22 | 0.03 | 0.082 | 3.14 |
|  | 7th month | 3.14 | - | 3.14 | 0.03 | 0.082 | 3.06 |
|  | 8th month | 3.06 | - | 3.06 | 0.03 | 0.082 | 2.98 |
|  | 9th month | 2.98 | - | 2.98 | 0.03 | 0.082 | 2.90 |
|  | 10th month | 2.90 | - | 2.90 | 0.03 | 0.082 | 2.81 |
|  | 11th month 12th month(Subsidy | 2.81 | - | 2.81 | 0.03 | 0.082 | 2.73 |
|  | adjusted) | 2.73 | - | 2.73 | 0.03 | 1.772 | 0.96 |
|  |  |  |  |  | 0.35 | 2.674 |  |
| 5th | Opening Balance |  |  |  |  |  |  |
|  | 1st month | 0.96 | - | 0.96 | 0.01 | 0.082 | 0.88 |


| 2nd month | 0.88 |  | - | 0.88 | 0.01 | 0.082 | 0.80 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3rd month | 0.80 |  | - | 0.80 | 0.01 | 0.082 | 0.71 |
| 4th month | 0.71 |  | - | 0.71 | 0.01 | 0.082 | 0.63 |
| 5th month | 0.63 |  | - | 0.63 | 0.01 | 0.082 | 0.55 |
| 6th month | 0.55 |  | - | 0.55 | 0.01 | 0.082 | 0.47 |
| 7th month | 0.47 |  | - | 0.47 | 0.00 | 0.082 | 0.39 |
| 8th month | 0.39 |  | - | 0.39 | 0.00 | 0.082 | 0.30 |
| 9th month | 0.30 |  | - | 0.30 | 0.00 | 0.082 | 0.22 |
| 10th month | 0.22 |  | - | 0.22 | 0.00 | 0.082 | 0.14 |
| 11th month | 0.14 |  | - | 0.14 | 0.00 | 0.082 | 0.06 |
| 12th month | 0.06 |  | - | 0.06 | 0.00 | 0.060 | - |
|  |  |  |  |  | 0.05 | 0.88 |  |
| DOOR TO DOOR |  | 60 | MONTHS |  |  |  |  |
| MORATORIUM PERIOD |  |  | MONTHS |  |  |  |  |
| REPAYMENT PERIOD |  | 54 | MONTHS |  |  |  |  |

## Supplier Details:

## Address:

Ground floor 17/15, street no. 15, Swaroop Nagar, Delhi

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