

## **PROJECT PROFILE ON TISSUE PAPER**

Sl No	Description	
1	Product	<b>Tissue Papers (Conversion)</b>
2	Quality Standards	ISISO 12625-1:2019(en) 12625-1 Tissue paper and tissue paper products
3	Production Capacity per annum	42 Mt
4	Value	Rs. 43,51,200
5	Month & Year	June 2020
6	Prepared by	<b>MSME DEVELOPMENT INSTITUTE GOVT. OF INDIA, MINISTRY OF MSME, 65/1, G S T ROAD, GUINDY CHENNAI -600032, TAMILNADU Website: <a href="http://www.msmedi-&lt;br/&gt;chennai.gov.in">www.msmedi- chennai.gov.in</a> Email: <a href="mailto:dcdi-chennai@dcmsme.gov.in">dcdi-chennai@dcmsme.gov.in</a></b>

## **1.0. Introduction**

Tissue paper is a lightweight paper or, light crepe paper. Tissue can be made both from virgin and recycled paper pulp. Key properties are strength, absorbency, basis weight, thickness, brightness, stretch, appearance and comfort.

### **1.1 Types of Tissue papers**

Toilet paper, Wipes, Kitchen towels, Handkerchiefs, Facial tissue, House hold towels, Napkins.

Tissue papers are made of- one or several plies, each ply of one or several layers, manufactured as sheets or rolls, folded or unfolded, embossed or un embossed with or without lamination, printed or unprinted.

### **1.3. Raw Material specification:**

<b>Sl no</b>	<b>Products</b>	<b>Specification</b>
1	Facial tissue	12.5 to 13 & 14 GSM
2	Toilet Tissue	14 to 22 GSM
3	Napkin	15 to 24 GSM
4	Towel Grade	19 to 42 GSM

## **2.1. Manufacturing Method**

Tissue paper are manufactured by using automatic conversion machine. Paper rolls are obtained from the paper mill feed into the machine to get required sizes .The Standard sizes are 9X9, 11X11and 12X12.And one machine only one sizes may be possible to manufacture/convert. And online printing also be done by using flexo printing device.

## 2.2. Flow chart for the Manufacture of Tissue Paper

**Raw material slitting**



**Printing**



**Embossing,**



**Folding,**



**Counting**



**Packing**

### **3. Energy Conservation:**

General precautions for saving electricity are followed by the unit by providing energy meter. These products are low energy consumption. Thus considerable energy could be saved during manufacturing activities.

### **4. Electrical HP Details:**

Sl.NoNo	Name of the Machine	No: of m/s	H.P Connected
1	Automatic Tissue paper making Machine	1	5
Total H.P Connected			5

### **5. Basis and presumption of the project:**

- i. The process of manufacture is on the basis of Double shift eight hours per shift with three hundred working days in a year.
- ii. To achieve full plant capacity it requires three month trial production
- iii. Labor and wages mentioned in profile are as per prevailing local rates.
- iv. Interest rate at 12.5% considered in the project
- v. However the rate of interest may be varying while implementing project.
- vi. Working capital requirements taken only one month recurring expenditure, however it may be taken up to 3 month recurring expenditure
- vii. The Promoter contribution will be **5%** of the total project cost applicable under the PMEGP Schemes. (Special category)

## 6. Fixed Capital:

### 6.1 Land & Building:

Rented: 1,000.Sq.ft

### 6.2. Machinery and Equipment:

**Rs**

S.no	Descriptions	Nos	Value
1	Automatic Tissue Paper converting machine :	1	6,10,000
2	Weighing machine	1	12,000
	Total		6,22,000
	GET IN 18%		1,11,960
	Total		<b>7,33,960</b>

### 6.3. Total plant & machineries Rs. 7,33,960

## 7. Recurring expenditure (Per Month)

### 7.1. Raw Material per Month:

**Rs.**

S.n	Description	Qty	Rate	Amount
1	Tissue Paper Roll including GST @ 18 %	3.50 MT	60,000/	2,10,000
2	<b>Packing materials:</b> a)Corrugated boxes b) P.P. Covers	150 Nos 50,000 Nos	60 / 0.20/	9,000 10,000
			<b>Total</b>	<b>2,29,000</b>

### 7.2. Salaries & Wages Per Month:

Rs.

S.no	Designation	No	Salary	Amount
1	Production Manager	1	15,000	15,000
2	Skilled worker	1	10,000	10,000
3	Un skilled workers	1	7,500	7,500
	<b>Total</b>	<b>4</b>		<b>32,500</b>

**7.3. Utilities per Month:****Rs.**

<b>S.n</b>	<b>Description</b>	<b>Amount</b>
1	Power 5HP 2,238 Units@ Rs.6.80 per Unit	15,218
	<b>Total</b>	<b>15,218</b>

**7.4. Other Expenses Per Month:****Rs.**

<b>S.n</b>	<b>Description</b>	<b>Amount</b>
<b>1</b>	Rent	10,000
1	Postage and stationery	1,000
2	Repairs and maintenance	2,000
3	Traveling and transportation	10,000
4	Insurance	500
	<b>Total</b>	<b>23,500</b>

**7.5** Recurring expenditure per month:

$$a + b + c + d = \text{Rs: } 3,00,218/-$$

**7.6.** Recurring expenditure per year: Rs.36,02,616/**7.6. Working Capital Requirements:**

Recurring Expenditure for one month   Rs . 3,00,218/

**8.1 Total Project Cost****Rs.**

b. Plant & Machinery	7,33,960
c. Working capital	<u>3,00,218</u>
<b>Total</b>	<b>10,34,178</b>

## 8.2 Means of Finance

Total Project cost	10,34,178
Promoter contribution 5 %(-)	<u>51,709</u>
<b>Total</b>	<b><u>9,82,469</u></b>

## 8.3. Cost of Production Per Annum :

Rs.

S.n	Description	Amount
1	Total recurring cost	36,02,616
2	Interest on total investment @12..5 %	1,29,272
3	Total Depreciation on Machinery @10 %	73,396
	<b>TOTAL</b>	<b>38,05,284</b>

## 8.4. Turnover Per Annum: Total production 42 MT

One year production: 42 MT

And total 5.88 pockets, selling price @ Rs. 7.40 / per pocket

**Total Selling value: Rs.43,51,200/.**

## 8.5. Profit Per Annum : Rs

$$\begin{aligned} & \text{Turnover} \quad - \quad \text{Cost of Production} \\ & = 43,51,200 \quad - \quad 38,05,284 \\ & = \mathbf{5,45,916} \end{aligned}$$

## 8.6 % of profit on sales = $\frac{\text{Profit/annum} \times 100}{\text{Turnover}}$

$$\begin{aligned} & = \frac{5,45,916 \times 100}{43,51,200} \\ & = \mathbf{12.54\%} \end{aligned}$$

$$\begin{aligned}
 \text{8.7 Rate of Return} &= \frac{\text{Profit/annum} \times 100}{\text{Total Capital investment}} \\
 &= \frac{5,45,916 \times 100}{10,34,178} \\
 &= \mathbf{52.78 \%}
 \end{aligned}$$

### 8.8. Break Even Analysis

(1) Fixed Expenditure per annum : Rs

a	Total Deprecation	36,698
b	Interest on Investment	1,25,000
c	Insurance	2,400
d	40%of Salary	1,56,000
e	40% of other Expenditure and Utilities excluding Insurance	1,83,446
	Total	<b>5,03,544</b>

2. Profit per annum = **5,45,916**

### 3. Break even Point:

$$\frac{\text{Fixed Exp / annum} \times 100}{\text{Fixed Exp / annum} + \text{Profit / per annum}}$$

$$\frac{5,03,544 \times 100}{10,49,460} = \mathbf{47.98\%}$$



## 9. Raw materials Suppliers

<b>Sl No</b>	<b>Name and Address</b>
1	M/s. Tamilnadu News Print and Paper Ltd Kagithapuram, Karur Dt: 639136
2	M/s. The West Coast PaperMill 23/1, Kanakasri Nagar, Catedral Road, Teynampet- Chennai- 600086
3	M/s. Amaravathi Sri Venkatesa Ppaer Mills Ltd Palani Road, Swaminathapuram Udumalaipet Tripur Dt: 624113

## 10 .Plant and Machinery Suppliers

<b>Sl No</b>	<b>Name and Address</b>
1	M/s. Bharath Machine No.688, Sangam Marble Compound SIDCO Industrial Estate , Puddukottalmi Tamilnadu: 622004
2	M/s Upliftooo Green Caaar Products No: : 212/3 ,Gerugambakkam, Chennai 600122
3	M/s. Universal Machine No. 6, DSIDC Complex, Okhla Industrial Area Phase 1, New Delhi-110020, Delhi, India
4	M/s. Hi-Tech Machinery Site 2/187, Vikaspuri, Near Main Market, Delhi-110018, India