## PROJECT REPORT

## Of

## PP DRINKING STRAW

## PURPOSE OF THE DOCUMENT

This particular pre-feasibility is regarding PP Drinking Straw.

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.]

[^0]
## PROJECT AT A GLANCE

1 Name of the Entreprenuer
2 Constitution (legal Status)
3 Father / Spouse Name
4 Unit Address

5 Product and By Product

6 Name of the project / business activity proposed:

7 Cost of Project
8 Means of Finance
Term Loan
Own Capital
Working capital
9 Debt Service Coverage Ratio
10 Pay Back Period
11 Project Implementation Period
12 Break Even Point
13 Employment
14 Power Requirement
15 Major Raw materials
16 Estimated Annual Sales Turnover (Max Capacity)
17 Detailed Cost of Project \& Means of Finance

COST OF PROJECT

| (Rs. In Lakhs) |  |
| :--- | ---: |
| Particulars | Amount |
| Land | Own/Rented |
| Building / Shed 1000 Sq ft | 4.00 |
| Plant \& Machinery | 14.70 |
| Furniture \& Fixtures | 1.30 |
| Working Capital | 4.44 |
| Total | $\mathbf{2 4 . 4 4}$ |

MEANS OF FINANCE
xyxyxyxyxx
xyxyxyxyxx
xyxyxyxyxyxx


| District: | $\operatorname{xxxxxxx}$ |  |
| :--- | :--- | :--- |
| Pin: | $\operatorname{xxxxxxx}$ | State: $x x x x x x x x x x$ |
| Mobile | $x x x x x x x$ |  |

PP DRINKING STRAW

PP DRINKING STRAW MAKING UNIT

Rs.24.44 Lakhs

Rs. 18 Lakhs
Rs.2.44 Lakhs
Rs. 4 Lakhs

5 Years
5-6 Months
$34 \%$
9 Persons
30.00 HP

PP Pellets, Colorants, Packing material
97.66 Lakhs


| Particulars | Amount |
| :--- | ---: |
| Own Contribution | 2.44 |
| Working Capital(Finance) | 4.00 |
| Term Loan | 18.00 |
| Total | $\mathbf{2 4 . 4 4}$ |

## PP DRINKING STRAW

Introduction: A drinking straw or drinking tube is a small pipe that allows its user to more conveniently consume a beverage. A thin tube of plastic (such as polypropylene and polystyrene), or other material is used by placing one end in the mouth and the other in the beverage. Drinking straws can be straight or have an angle-adjustable bellows segment.PP is quiet stable against biodegradation (is a non-biodegradable material), whereas straw is a biodegradable natural composite material. Most single-use plastic straws are made from polypropylene, a type of plastic commonly made from petroleum. Polypropylene is thought to be food-safe in amounts approved by the Food and Drug Administration.PP is not an additive, it is used as continuous phase and matrix of composites made of various reinforcing materials, such as straw, carbon fibers, and glass fibers.


Uses \& Market Potential: Paper drinking straw is expected to have the high market growth due to rising demand of the paper drinking straw as the packaging industry is witnessing shift towards non-plastic sustainable materials from plastic products. Consumers are widely using the paper drinking straws at home, parties, on-the-go drinks, concession stands, food service, schools, institutional and others. The global drinking straw market is segmented based on type as plastic drinking straw, and paper drinking straw.

Paper drinking straw is expected to have the high market growth due to rising demand of the paper drinking straw as the packaging industry is witnessing shift towards non-plastic sustainable materials from plastic products.
Consumers are widely using the paper drinking straws at home, parties, on the- go drinks, concession stands, food service, schools, institutional and Others .Plastic drinking straw segment is expected to have the negative market growth over the forecasted period due to the banning of the plastic straws. Corporations, municipalities, and governments are imposing bans on the plastic straws.

Raw material: Major raw materials are as follows:

1. PP Pellets
2. Colorants
3. Packing material

Machinery Requirements: Major machines \& equipments are as follows:

| Description | Set | Amount |
| :--- | :--- | :--- |
| PP Straw making machine including Extruder, <br> cooling plant and cutter | 1 Set | 1420000 |
| Other equipments \& hand tools | Ls | 50000 |
| Total Amount |  | $\mathbf{1 4 7 0 0 0 0}$ |

Manufacturing Process: In the first step, the raw materials are procured from the local vendor and stored in the inventory. The PP resins, colorants and stabilizers are added in required proportion.
The profile dies are mounted at the end of extruder. The barrel heaters are started and brought up to the desired melting temperature of PP. The PP resins, colorants and stabilizers are added into the hopper of the extruder manually. From the hopper, these plastic pellets come into the feed section of the barrel. There is a screw inside the barrel which rotates about the horizontal axis and moves the pellets into heating section of barrel where
these plastic pellets melt to a semi-solid state and are ready to be injected into the die mounted at the end of extruder.
There is possibility of making straws having more than one colour. This is performed by adding different colours pellets with PP in one or two extruder. Then the molten flow of all the other two extruders is combined with the main extruder. The rotating speed of the screw of the two colour extruder is lower than the main extruder.
The combined output is allowed to flow out the die of circular shape at desired pressure. The extruder output is allowed to flow through the water tank to gets cool down and solidified.
The solidified straws are cut down as per required length using two wheeled hauled and cutting unit. These straws are collected into the bins are packed and dispatched.

Area: The industrial setup requires space for Inventory, workshop or manufacturing area, space for power supply utilities and auxiliary like Generator setup. Also some of the area of building is required for office staff facilities, documentation, office furniture, etc. Thus, the approximate total area required for complete industrial setup is 1500 to 2000 Sqft . Civil work cost will be Rs 4 Lac (Approx.)

Power Requirement: The power consumption required to run all the machinery could be approximated as 30 Hp

Manpower Requirement: There are requirement of skilled machine operators to run the machine set. Experience quality engineers are required for desired quality control. Some helpers are also required to transfer the material from one work station to other. Office staffs are required to maintain the documentation. The approximate manpower required is 9 including 1 Supervisor, 1 Plant operator, 2 unskilled worker, 1 Helper and 1 Security guard. 3 Skilled worker including Accountant, Manager and Sales person.

Bank Term Loan: Rate of Interest is assumed to be at 11\%

Depreciation: Depreciation has been calculated as per the Provisions of Income Tax Act, 1961

## Approvals \& Registration Requirement:

Basic registration required in this project:

- GST Registration
- Udyog Aadhar Registration (Optional)
- Choice of a Brand Name of the product and secure the name with Trademark if require.
- NOC from State Pollution Control Board


## Implementation Schedule:

| S No. | Activity | Time required |
| :--- | :--- | :--- |
| 1. | Acquisition of premises | $1-2$ Months |
| 2. | Procurement \& installation of Plant \& Machinery | $1-2$ Months |
| 3. | Arrangement of Finance | $1.5-2$ Months |
| 4. | Requirement of required Manpower | 1 Month |
| 5. | Commercial Trial Runs | 1 Month |
|  | Total time Required (some activities shall run <br> concurrently) | $5-6$ Months |

FINANCIALS


| PROJECTED PROFITABILITY STATEMENT |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PARTICULARS | I | II | III | IV | V |
| A) SALES |  |  |  |  |  |
| Gross Sale | 59.81 | 70.01 | 78.77 | 87.99 | 97.66 |
| Total (A) | 59.81 | 70.01 | 78.77 | 87.99 | 97.66 |
| B) COST OF SALES |  |  |  |  |  |
| Raw Material Consumed | 31.35 | 35.91 | 38.90 | 41.90 | 44.89 |
| Elecricity Expenses | 2.51 | 2.74 | 2.97 | 3.20 | 3.42 |
| Repair \& Maintenance | 2.99 | 3.50 | 3.94 | 4.40 | 4.88 |
| Labour \& Wages | 7.81 | 8.98 | 10.78 | 12.94 | 15.52 |
| Depreciation | 2.74 | 2.35 | 2.02 | 1.74 | 1.50 |
| Cost of Production | 47.40 | 53.49 | 58.61 | 64.17 | 70.22 |
| Add: Opening Stock/WIP | - | 1.75 | 1.99 | 2.24 | 2.50 |
| Less: Closing Stock/WIP | 1.75 | 1.99 | 2.24 | 2.50 | 2.77 |
| Cost of Sales (B) | 45.65 | 53.25 | 58.36 | 63.91 | 69.94 |
| C) GROSS PROFIT (A-B) | 14.17 | 16.76 | 20.41 | 24.08 | 27.71 |
|  | 23.68\% | 23.93\% | 25.91\% | 27.37\% | 28.38\% |
| D) Bank Interest (Term Loan ) | 1.95 | 1.60 | 1.16 | 0.72 | 0.28 |
| ii) Interest On Working Capital | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 |
| E) Salary to Staff | 3.78 | 4.54 | 5.44 | 6.53 | 7.84 |
| F) Selling \& Adm Expenses Exp. | 2.39 | 2.80 | 3.15 | 3.52 | 3.91 |
|  |  |  |  |  |  |
| TOTAL (D+E) | 8.57 | 9.37 | 10.19 | 11.21 | 12.46 |
| H) NET PROFIT | 5.60 | 7.38 | 10.22 | 12.88 | 15.25 |
|  | 9.4\% | 10.5\% | 13.0\% | 14.6\% | 15.6\% |
| I) Taxation | 0.84 | 1.11 | 2.04 | 3.22 | 4.58 |
| J) PROFIT (After Tax) | 4.76 | 6.28 | 8.18 | 9.66 | 10.68 |


| PROJECTED CASH FLOW STATEMENT |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PARTICULARS | I | II | III | IV | v |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| SOURCES OF FUND |  |  |  |  |  |
|  |  |  |  |  |  |
| Own Contribution | 2.44 | - |  |  |  |
| Reserve \& Surplus | 5.60 | 7.38 | 10.22 | 12.88 | 15.25 |
| Depriciation \& Exp. W/off | 2.74 | 2.35 | 2.02 | 1.74 | 1.50 |
| Increase In Cash Credit | 4.00 |  |  |  |  |
| Increase In Term Loan | 18.00 | - | - | - | - |
| Increase in Creditors | 0.73 | 0.11 | 0.07 | 0.07 | 0.07 |
|  |  |  |  |  |  |
| TOTAL : | 33.51 | 9.84 | 12.31 | 14.69 | 16.82 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| APPLICATION OF FUND |  |  |  |  |  |
|  |  |  |  |  |  |
| Increase in Fixed Assets | 20.00 | - | - | - | - |
| Increase in Stock | 2.80 | 0.39 | 0.35 | 0.36 | 0.37 |
| Increase in Debtors | 2.99 | 0.51 | 0.44 | 0.46 | 0.48 |
| Repayment of Term Loan | 2.00 | 4.00 | 4.00 | 4.00 | 4.00 |
| Taxation | 0.84 | 1.11 | 2.04 | 3.22 | 4.58 |
| Drawings | 3.00 | 3.50 | 5.00 | 6.00 | 7.00 |
| TOTAL: | 31.63 | 9.51 | 11.83 | 14.04 | 16.43 |
|  |  |  |  |  |  |
| Opening Cash \& Bank Balance | - | 1.88 | 2.22 | 2.70 | 3.35 |
|  |  |  |  |  |  |
| Add: Surplus | 1.88 | 0.34 | 0.48 | 0.65 | 0.39 |
|  |  |  |  |  |  |
| Closing Cash \& Bank Balance | 1.88 | 2.22 | 2.70 | 3.35 | 3.74 |


| COMPUTATION OF MAKING OF PP DRINKING STRAW |  |  |  |
| :---: | :---: | :---: | :---: |
| Item to be Manufactured PP Drinking Straw |  |  |  |
| Manufacturing Capacity per day |  | 1,500 | Packets |
| No. of Working Hour |  | 8 |  |
| No of Working Days per month |  | 25 |  |
| No. of Working Day per annum |  | 300 |  |
| Total Production per Annum |  | 4,50,000 | Pcs |
| Total Production per Annum |  | 4,50,000 | Packet of 100 each |
| Year |  | Capacity | PP DRINKING STRAW |
|  |  | Utilisation |  |
| I |  | 55\% | 2,47,500.00 |
| II |  | 60\% | 2,70,000.00 |
| III |  | 65\% | 2,92,500.00 |
| IV |  | 70\% | 3,15,000.00 |
| V |  | 75\% | 3,37,500.00 |
|  |  |  |  |


| COMPUTATION OF RAW MATERIAL |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :---: |
| Item Name |  | Quantity of Raw <br> Material | Unit | Unit Rate | Total CostPer <br> Annum (100\%) |
| PP Pellets |  | $50,000.00$ | Kg | 65.00 | $32,50,000.00$ |
| Colorants |  | $10,000.00$ | kG | 200.00 | $20,00,000.00$ |
| Packing material |  |  |  |  | $4,50,000.00$ |
|  |  |  |  |  | - |
|  |  |  |  |  |  |
| Total |  |  |  | $\mathbf{5 7 , 0 0 , 0 0 0 . 0 0}$ |  |
|  |  |  |  |  |  |
| Total Raw material in Rs lacs |  |  |  |  |  |


| Raw Material Consumed | Capacity | Amount (Rs.) |  |
| :---: | :---: | :---: | :---: |
|  | Utilisation |  |  |
|  |  |  |  |
| I | 55\% | 31.35 |  |
| II | 60\% | 35.91 | 5\% Increase in Cost |
| III | 65\% | 38.90 | 5\% Increase in Cost |
| IV | 70\% | 41.90 | 5\% Increase in Cost |
| V | 75\% | 44.89 | 5\% Increase in Cost |
|  |  |  |  |


| COMPUTATION OF SALE |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Particulars | I | II | III | IV | V |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Op Stock | - | 8,250.00 | 9,000.00 | 9,750.00 | 10,500.00 |
|  |  |  |  |  |  |
| Production | 2,47,500.00 | 2,70,000.00 | 2,92,500.00 | 3,15,000.00 | 3,37,500.00 |
|  |  |  |  |  |  |
|  | 2,47,500.00 | 2,78,250.00 | 3,01,500.00 | 3,24,750.00 | 3,48,000.00 |
| Less : Closing Stock(10 Days) | 8,250.00 | 9,000.00 | 9,750.00 | 10,500.00 | 11,250.00 |
|  |  |  |  |  |  |
| Net Sale | 2,39,250.00 | 2,69,250.00 | 2,91,750.00 | 3,14,250.00 | 3,36,750.00 |
|  |  |  |  |  |  |
| Sale Price per Packet | 25.00 | 26.00 | 27.00 | 28.00 | 29.00 |
|  |  |  |  |  |  |
| Sale (in Lacs) | 59.81 | 70.01 | 78.77 | 87.99 | 97.66 |
|  |  |  |  |  |  |


| COMPUTATION OF CLOSING STOCK \& WORKING CAPITAL |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PARTICULARS | I | II | III | IV | V |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Finished Goods |  |  |  |  |  |
| (10 Days requirement) | 1.75 | 1.99 | 2.24 | 2.50 | 2.77 |
| Raw Material |  |  |  |  |  |
| (10 Days requirement) | 1.05 | 1.20 | 1.30 | 1.40 | 1.50 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Closing Stock | 2.80 | 3.19 | 3.53 | 3.90 | 4.27 |


| COMPUTATION OF WORKING CAPITAL REQUIREMENT |  |  |  |
| :--- | ---: | ---: | ---: |
|  |  |  |  |
| Particulars | Amount | Margin(10\%) | Net |
|  |  |  | Amount |
| Stock in Hand | 2.80 |  |  |
| Less: |  |  |  |
| Sundry Creditors | 0.73 |  |  |
| Paid Stock | 2.07 | 0.21 | 1.86 |
|  |  |  |  |
| Sundry Debtors | 2.99 |  | 2.30 |
| Working Capital Requirement |  |  | 4.55 |
|  |  |  | 0.51 |
| Margin |  |  |  |
|  |  |  | 4.55 |
| MPBF |  |  | 4.00 |


| BREAK UP OF LABOUR |  |  |  |  |
| :--- | :--- | :--- | :--- | ---: |
|  |  |  |  |  |
| Particulars |  | Wages | No of | Total |
|  |  | Per Month | Employees | Salary |
| Supervisor |  | $16,000.00$ | 1 | $16,000.00$ |
| Plant Operator |  | $12,000.00$ | 1 | $12,000.00$ |
| Unskilled Worker |  | $10,000.00$ | 2 | $20,000.00$ |
| Helper |  | $8,000.00$ | 1 | $8,000.00$ |
| Security Guard |  | $6,000.00$ |  | 1 |
|  |  |  | $6,000.00$ |  |
|  |  |  |  |  |
| Add: 5\% Fringe Benefit |  |  |  | $62,000.00$ |
|  |  |  |  | $3,100.00$ |
| Total Labour Cost Per Month |  |  |  | $65,100.00$ |
| Total Labour Cost for the year (In Rs. Lakhs) |  |  | 7.81 |  |


| BREAK UP OF SALARY |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| Particulars |  | Salary | No of | Total |
|  |  | Per Month | Employees | Salary |
| Manager |  | $12,000.00$ | 1 | $12,000.00$ |
| Accountant cum store keeper |  | $10,000.00$ | 1 | $10,000.00$ |
| Sales |  | $8,000.00$ |  | 1 |
| Total Salary Per Month |  |  |  | $3,000.00$ |
|  |  |  |  | $30,000.00$ |
| Add: 5\% Fringe Benefit |  |  |  | $1,500.00$ |
| Total Salary for the month |  |  |  | $31,500.00$ |
|  |  |  |  |  |
| Total Salary for the year ( In Rs. Lakhs) |  |  |  | 3 |


| COMPUTATION OF DEPRECIATION |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Description | Land | Building/shed | Machinery | Furniture | TOTAL |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Rate of Depreciation |  | 10.00\% | 15.00\% | 10.00\% |  |
| Opening Balance | Leased |  | - | - | - |
| Addition | - | 4.00 | 14.70 | 1.30 | 20.00 |
|  | - | 4.00 | 14.70 | 1.30 | 20.00 |
|  |  | - | - | - |  |
| TOTAL |  | 4.00 | 14.70 | 1.30 | 20.00 |
| Less : Depreciation | - | 0.40 | 2.21 | 0.13 | 2.74 |
| WDV at end of Ist year | - | 3.60 | 12.50 | 1.17 | 17.27 |
| Additions During The Year | - | - | - | - | - |
|  | - | 3.60 | 12.50 | 1.17 | 17.27 |
| Less: Depreciation | - | 0.36 | 1.87 | 0.12 | 2.35 |
| WDV at end of IInd Year | - | 3.24 | 10.62 | 1.05 | 14.91 |
| Additions During The Year | - | - | - | - | - |
|  | - | 3.24 | 10.62 | 1.05 | 14.91 |
| Less : Depreciation | - | 0.32 | 1.59 | 0.11 | 2.02 |
| WDV at end of IIIrd year | - | 2.92 | 9.03 | 0.95 | 12.89 |
| Additions During The Year | - | - | - | - | - |
|  | - | 2.92 | 9.03 | 0.95 | 12.89 |
| Less: Depreciation | - | 0.29 | 1.35 | 0.09 | 1.74 |
| WDV at end of IV year | - | 2.62 | 7.67 | 0.85 | 11.15 |
| Additions During The Year | - | - | - | - | - |
|  | - | 2.62 | 7.67 | 0.85 | 11.15 |
| Less: Depreciation | - | 0.26 | 1.15 | 0.09 | 1.50 |
| WDV at end of Vth year | - | 2.36 | 6.52 | 0.77 | 9.65 |


| REPAYMENT SCHEDULE OF TERM LOAN |  |  |  |  |  | 11.0\% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Particulars | Amount | Addition | Total | Interest | Repayment | Cl Balance |
| I | Opening Balance |  |  |  |  |  |  |
|  | Ist Quarter | - | 18.00 | 18.00 | 0.50 | - | 18.00 |
|  | Iind Quarter | 18.00 | - | 18.00 | 0.50 | - | 18.00 |
|  | IIIrd Quarter | 18.00 | - | 18.00 | 0.50 | 1.00 | 17.00 |
|  | Ivth Quarter | 17.00 | - | 17.00 | 0.47 | 1.00 | 16.00 |
|  |  |  |  |  | 1.95 | 2.00 |  |
| II | Opening Balance |  |  |  |  |  |  |
|  | Ist Quarter | 16.00 | - | 16.00 | 0.44 | 1.00 | 15.00 |
|  | Iind Quarter | 15.00 | - | 15.00 | 0.41 | 1.00 | 14.00 |
|  | IIIrd Quarter | 14.00 | - | 14.00 | 0.39 | 1.00 | 13.00 |
|  | Ivth Quarter | 13.00 |  | 13.00 | 0.36 | 1.00 | 12.00 |
|  |  |  |  |  | 1.60 | 4.00 |  |
| III | Opening Balance |  |  |  |  |  |  |
|  | Ist Quarter | 12.00 | - | 12.00 | 0.33 | 1.00 | 11.00 |
|  | Iind Quarter | 11.00 | - | 11.00 | 0.30 | 1.00 | 10.00 |
|  | IIIrd Quarter | 10.00 | - | 10.00 | 0.28 | 1.00 | 9.00 |
|  | Ivth Quarter | 9.00 |  | 9.00 | 0.25 | 1.00 | 8.00 |
|  |  |  |  |  | 1.16 | 4.00 |  |
| IV | Opening Balance |  |  |  |  |  |  |
|  | Ist Quarter | 8.00 | - | 8.00 | 0.22 | 1.00 | 7.00 |
|  | Iind Quarter | 7.00 | - | 7.00 | 0.19 | 1.00 | 6.00 |
|  | IIIrd Quarter | 6.00 | - | 6.00 | 0.17 | 1.00 | 5.00 |
|  | Ivth Quarter | 5.00 |  | 5.00 | 0.14 | 1.00 | 4.00 |
|  |  |  |  |  | 0.72 | 4.00 |  |
| V | Opening Balance |  |  |  |  |  |  |
|  | Ist Quarter | 4.00 | - | 4.00 | 0.11 | 1.00 | 3.00 |
|  | Iind Quarter | 3.00 | - | 3.00 | 0.08 | 1.00 | 2.00 |
|  | IIIrd Quarter | 2.00 | - | 2.00 | 0.06 | 1.00 | 1.00 |
|  | Ivth Quarter | 1.00 |  | 1.00 | 0.03 | 1.00 | - |
|  |  |  |  |  | 0.28 | 4.00 |  |


| Door to Door Period | 60 | Months |
| :--- | ---: | :--- |
| Moratorium Period | 6 | Months |
| Repayment Period | 54 | Months |


| CALCULATION OF D.S.C.R |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PARTICULARS | I | II | III | IV | V |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| CASH ACCRUALS | 7.50 | 8.63 | 10.20 | 11.40 | 12.18 |
|  |  |  |  |  |  |
| Interest on Term Loan | 1.95 | 1.60 | 1.16 | 0.72 | 0.28 |
|  |  |  |  |  |  |
| Total | 9.45 | 10.22 | 11.35 | 12.11 | 12.45 |
|  |  |  |  |  |  |
| REPAYMENT |  |  |  |  |  |
| Repayment of Term Loan | 2.00 | 4.00 | 4.00 | 4.00 | 4.00 |
| Interest on Term Loan | 1.95 | 1.60 | 1.16 | 0.72 | 0.28 |
|  |  |  |  |  |  |
| Total | 3.95 | 5.60 | 5.16 | 4.72 | 4.28 |
|  |  |  |  |  |  |
| DEBT SERVICE COVERAGE RATIO | 2.39 | 1.83 | 2.20 | 2.57 | 2.91 |
|  |  |  |  |  |  |
| AVERAGE D.S.C.R. |  |  | 2.35 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |



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