# PROJECT REPORT

# Of

# GERANIUM OIL

## PURPOSE OF THE DOCUMENT

This particular pre-feasibility is regarding **Geranium Oil**.

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.]

SAMADHAN
Nurturing Dreams - Innovative Solutions

**Lucknow Office: Sidhivinayak Building , 27/1/B, Gokhlley Marg, Lucknow-226001**

**Delhi Office : Multi Disciplinary Training Centre, Gandhi Darshan Rajghat, New Delhi 110002**

**Email : info@udyami.org.in**
**Contact : +91 7526000333, 444, 555**

**PROJECT AT A GLANCE**

| | | | | |
|---|---|---|---|---|
| 1 | Name of the Entreprenuer | | xxxxxxxxxx | |
| 2 | Constitution (legal Status) | : | xxxxxxxxxx | |
| 3 | Father / Spouse Name | | xxxxxxxxxxxx | |
| 4 | Unit Address | : | xxxxxxxxxxxxxxxxxxxxxxx | |
| | | | District : xxxxxxx | |
| | | | Pin: xxxxxxx | State: xxxxxxxxxx |
| | | | Mobile xxxxxxx | |
| 5 | Product and By Product | : | **GERANIUM OIL** | |
| 6 | Name of the project / business activity proposed : | | **GERANIUM OIL MANUFACTURING UNIT** | |
| 7 | Cost of Project | : | Rs.17.55 Lakhs | |
| 8 | Means of Finance | | | |
| | Term Loan | | Rs.12 Lakhs | |
| | Own Capital | | Rs.1.76 Lakhs | |
| | Working Capital | | Rs.3.8 Lakhs | |
| 9 | Debt Service Coverage Ratio | : | 2.53 | |
| 10 | Pay Back Period | : | 5 | Years |
| 11 | Project Implementation Period | : | 5-6 | Months |
| 12 | Break Even Point | : | 42% | |
| 13 | Employment | : | 13 | Persons |
| 14 | Power Requirement | : | 10 | HP |
| 15 | Major Raw materials | : | Geranium shoot and Packing material | |
| 16 | Estimated Annual Sales Turnover (Max Utilized Capacity) | : | 89.27 | Lakhs |
| 17 | Detailed Cost of Project & Means of Finance | | | |

COST OF PROJECT

(Rs. In Lakhs)

| Particulars | Amount |
|---|---|
| Land | Own/Rented |
| Building /Shed 1500 Sq ft | 9.00 |
| Plant & Machinery | 3.50 |
| Furniture & Fixtures | 0.83 |
| Working Capital | 4.22 |
| Total | **17.55** |

MEANS OF FINANCE

| Particulars | Amount |
|---|---|
| Own Contribution | 1.76 |
| Term Loan | 12.00 |
| Working Capital | 3.80 |
| Total | **17.55** |

# GERANIUM OIL PROCESSING

## PRODUCT INTRODUCTION:

Geranium is a perennial shrub with small pink flowers & pointy leaves that is native to South Africa. Out of the many varieties of the plant, Geranium (scientific name of Geranium- Pelagroniumgraveolens) is the source of essential oil. Geranium essential oil is derived by distillation of the leaves of geranium plant. According to folklore, it was used for a wide range of health conditions. Geranium oil is grown in many regions, including Europe and Asia. There are many varieties and strains of the pink flower with a fresh, floral fragrance. Each variety differs in scent, but is nearly-identical in terms of composition, benefits, and uses.


## USES & MARKET POTENTIAL:

Geranium oil is a type of essentially oil generally used in aromatherapy. Sourced from the flowers and leaves of the Pelagroniumgraveolens plant, the geranium essential offers a variety of health benefits. Geranium oil contains a number of compounds thought to enhance health, including citronellol and geraniol. Geranium essential oil has antibacterial, antimicrobial, and antiseptic properties, which make it beneficial for reducing acne breakouts, skin irritation, and skin infections when applied externally.

Geranium essential oil's anti-inflammatory properties also make it beneficial for a number of inflammatory conditions, including those affecting skin.

The overall demand for essential oil has been on the rise over the past few years which is attributable to the rising awareness about the health benefits associated with the product. An ever-increasing global population, rapid urbanisation, a growing pharmaceutical sector, and rising geriatric population are some of the significant factors that are influencing a steady shift in consumer preferences. Another major factor that is responsible for the unprecedented growth of geranium essential oil market is that there is no other alternative for natural ingredients.

## MACHINERY REQUIREMENT:

Basic machinery requirement are as follows:

1. Heating Vessel
2. Condenser
3. Steam Pipe
4. Separator
5. Water Pump
6. Cooling Tower
7. Water Tank
8. Filling Machine

## RAW MATERIAL:

Basic raw material requirements are as follows:

1. Geranium Shoot
2. Packing Material (Bottles)

## EXTRACTION PROCESS:

The Geranium Shoots are purchased from farmers and stored temporarily in a shaded area; it acts as a raw material inventory for distillation unit. The steam and hydro distillation methods are generally employed to perform a simple distillation process.

The Geranium Shoot are boiled with water in a heating vessel and are boiled for 3 to 4hrs for optimal extraction, during this period the steam generated carries along with it Geranium Oil as it also get vaporized from within shoot of plant.

This steam is transferred to condenser via steam pipe, as condenser is circulated with cooling water continuously utilizing a pump, thus steam transferred to condenser undergoes condensation completing distillation process, while used cooling water is sent to cooling tower where it undergoes evaporative cooling to lower its temperature and become reusable for cooling.

The cooled water in cooling tower pump is replenished periodically with make-up water from another water tank, if required via a make-up water pump to make up for evaporated water in evaporative cooling.

The contents (Water + Geranium Oil) obtained from condenser are supplied to separator and then the liquid is allowed to settle down and as oil and water are immiscible, water settles below while Geranium Oil settles above water layer.

A valve is located at bottom of the separator which is used to drain almost all the water from separator, this water is supplied back to heating vessel for enrichment purpose. The enrichment process continues for 3 to 4hrs, after which most of the Geranium oil is extracted and it's not feasible to go after the remainder of portion.

Now water is completely drained from separator and oil is supplied to a filling machine. The filling machine fills the geranium oil in appropriate sized bottles which can range from 10ml to 500ml and machine setting are made accordingly.

## PROJECTED BALANCE SHEET

| PARTICULARS | I | II | III | IV | V |
|---|---|---|---|---|---|
| **SOURCES OF FUND** | | | | | |
| **Capital Account** | | | | | |
| Opening Balance | - | 2.63 | 3.97 | 6.79 | 9.99 |
| Add: Additions | 1.76 | - | - | - | - |
| Add: Net Profit | 1.88 | 3.34 | 5.82 | 8.20 | 10.88 |
| Less: Drawings | 1.00 | 2.00 | 3.00 | 5.00 | 8.00 |
| **Closing Balance** | 2.63 | 3.97 | 6.79 | 9.99 | 12.87 |
| CC Limit | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 |
| Term Loan | 10.66 | 8.00 | 5.33 | 2.67 | - |
| Sundry Creditors | 0.35 | 0.40 | 0.46 | 0.53 | 0.60 |
| **TOTAL :** | **17.44** | **16.17** | **16.39** | **16.98** | **17.26** |
| **APPLICATION OF FUND** | | | | | |
| **Fixed Assets ( Gross)** | 13.33 | 13.33 | 13.33 | 13.33 | 13.33 |
| Gross Dep. | 1.51 | 2.84 | 4.01 | 5.05 | 5.97 |
| Net Fixed Assets | 11.82 | 10.49 | 9.32 | 8.28 | 7.36 |
| **Current Assets** | | | | | |
| Sundry Debtors | 2.54 | 3.02 | 3.46 | 3.94 | 4.46 |
| Stock in Hand | 2.13 | 2.39 | 2.71 | 3.05 | 3.42 |
| Cash and Bank | 0.95 | 0.27 | 0.90 | 1.72 | 2.02 |
| **TOTAL :** | **17.44** | **16.17** | **16.39** | **16.98** | **17.26** |
| | - | - | - | - | - |

## PROJECTED CASH FLOW STATEMENT

| PARTICULARS | I | II | III | IV | V |
|---|---|---|---|---|---|
| **SOURCES OF FUND** | | | | | |
| Own Contribution | 1.76 | - | | | |
| Net Profit | 1.88 | 3.34 | 5.87 | 8.37 | 11.19 |
| Depreciation & Exp. W/off | 1.51 | 1.33 | 1.18 | 1.04 | 0.92 |
| Increase In Cash Credit | 3.80 | | | | |
| Increase In Term Loan | 12.00 | - | - | - | - |
| Increase in Creditors | 0.35 | 0.05 | 0.06 | 0.06 | 0.07 |
| **TOTAL :** | **21.28** | **4.72** | **7.10** | **9.47** | **12.18** |
| **APPLICATION OF FUND** | | | | | |
| Increase in Fixed Assets | 13.33 | - | - | - | - |
| Increase in Stock | 2.13 | 0.26 | 0.32 | 0.34 | 0.37 |
| Increase in Debtors | 2.54 | 0.48 | 0.45 | 0.47 | 0.53 |
| Repayment of Term Loan | 1.33 | 2.67 | 2.67 | 2.67 | 2.67 |
| Taxation | - | - | 0.04 | 0.17 | 0.31 |
| Drawings | 1.00 | 2.00 | 3.00 | 5.00 | 8.00 |
| **TOTAL :** | **20.33** | **5.40** | **6.47** | **8.65** | **11.87** |
| Opening Cash & Bank Balance | - | 0.95 | 0.27 | 0.90 | 1.72 |
| Add : Surplus | 0.95 | - 0.68 | 0.63 | 0.82 | 0.30 |
| Closing Cash & Bank Balance | **0.95** | **0.27** | **0.90** | **1.72** | **2.02** |

**PROJECTED PROFITABILITY STATEMENT**

| PARTICULARS | I | II | III | IV | V |
|---|---|---|---|---|---|
| **A) SALES** | | | | | |
| Gross Sale | 50.72 | 60.33 | 69.26 | 78.76 | 89.27 |
| **Total (A)** | **50.72** | **60.33** | **69.26** | **78.76** | **89.27** |
| **B) COST OF SALES** | | | | | |
| Raw Mateiral Consumed | 20.99 | 24.24 | 27.78 | 31.58 | 35.71 |
| Electricity Expenses | 1.12 | 1.23 | 1.34 | 1.46 | 1.57 |
| Repair & Maintenance | 0.25 | 0.30 | 0.35 | 0.39 | 0.45 |
| Labour & Wages | 10.76 | 11.83 | 13.02 | 14.32 | 15.75 |
| Depreciation | 1.51 | 1.33 | 1.18 | 1.04 | 0.92 |
| **Cost of Production** | 34.63 | 38.94 | 43.66 | 48.79 | 54.39 |
| **Add: Opening Stock /WIP** | - | 1.15 | 1.26 | 1.41 | 1.58 |
| **Less: Closing Stock /WIP** | 1.15 | 1.26 | 1.41 | 1.58 | 1.76 |
| Cost of Sales (B) | 33.47 | 38.83 | 43.51 | 48.63 | 54.21 |
| **C) GROSS PROFIT (A-B)** | 17.25 | 21.50 | 25.75 | 30.13 | 35.06 |
| | **34.01%** | **35.63%** | **37.18%** | **38.26%** | **39.28%** |
| D) Bank Interest (Term Loan ) | 1.30 | 1.06 | 0.77 | 0.48 | 0.18 |
| ii) Interest On Working Capital | 0.42 | 0.42 | 0.42 | 0.42 | 0.42 |
| E) Salary to Staff | 8.58 | 9.44 | 10.38 | 11.42 | 12.56 |
| F) Selling & Adm Expenses Exp. | 5.07 | 7.24 | 8.31 | 9.45 | 10.71 |
| TOTAL (D+E) | **15.37** | **18.16** | **19.88** | **21.77** | **23.88** |
| H) NET PROFIT | 1.88 | 3.34 | 5.87 | 8.37 | 11.19 |
| | **3.7%** | **5.5%** | **8.5%** | **10.6%** | **12.5%** |
| I) Taxation | - | - | 0.04 | 0.17 | 0.31 |
| J) PROFIT (After Tax) | 1.88 | 3.34 | 5.82 | 8.20 | 10.88 |

**COMPUTATION OF GERANIUM OIL MANUFACTURING UNIT**

**Items to be Manufactured GERANIUM OIL**

| | | | |
|---|---|---|---|
| Manufacturing Capacity per Day | | 2.00 | kg |
| No. of Working Hour | | 8 | |
| | | | |
| No of Working Days per month | | 25 | |
| | | | |
| No. of Working Day per annum | | 300 | |
| | | | |
| Total Production per Annum | | 600 | kg |
| Total Production per Annum | | 636.00 | Ltr |
| Total Production per Annum | | 63,600.00 | 10 ml Bottles |
| Year | | Capacity Utilisation | GERANIUM OIL |
| | | | |
| I | | 50% | 31,800 |
| II | | 55% | 34,980 |
| III | | 60% | 38,160 |
| IV | | 65% | 41,340 |
| V | | 70% | 44,520 |
| | | | |

**COMPUTATION OF RAW MATERIAL**

| **Item Name** | | **Quantity of Raw Material** | **Unit** | **Unit Rate of** | **Total CostPer Annum (100%)** |
|---|---|---|---|---|---|
| Raw Material Consumed | | 600 | tonne | 7,000 | 4,200,000 |
| Total | | **600.00** | | | **4,200,000.00** |

| | | | |
|---|---|---|---|
| Total Raw material in Rs lacs | at 100% Capacity | | 42.00 |
| Cost per 10 ml Bottle | | (In Rs) | **66.00** |

| **Raw Material Consumed** | **Capacity Utilisation** | **Rate** | **Amount (Rs.)** |
|---|---|---|---|
| I | 50% | 66.00 | 20.99 |
| II | 55% | 69.30 | 24.24 |
| III | 60% | 72.80 | 27.78 |
| IV | 65% | 76.40 | 31.58 |
| V | 70% | 80.20 | 35.71 |

**COMPUTATION OF CLOSING STOCK & WORKING CAPITAL**

| PARTICULARS | I | II | III | IV | V |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| **Finished Goods** | | | | | |
| (10 Days requirement) | 1.15 | 1.26 | 1.41 | 1.58 | 1.76 |
| **Raw Material** | | | | | |
| (14 Days requirement) | 0.98 | 1.13 | 1.30 | 1.47 | 1.67 |
| | | | | | |
| | | | | | |
| **Closing Stock** | **2.13** | **2.39** | **2.71** | **3.05** | **3.42** |

**COMPUTATION OF WORKING CAPITAL REQUIREMENT**

| Particulars | Amount | Margin(10%) | Net Amount |
|---|---|---|---|
| Stock in Hand | 2.13 | | |
| Less: | | | |
| Sundry Creditors | 0.35 | | |
| **Paid Stock** | **1.78** | **0.18** | **1.61** |
| | | | |
| Sundry Debtors | 2.54 | 0.25 | 2.28 |
| **Working Capital Requirement** | | | **3.89** |
| | | | |
| **Margin** | | | 0.43 |
| | | | |
| **MPBF** | | | **3.89** |
| **Working Capital Demand** | | | **3.80** |

**BREAK UP OF LABOUR**

| Particulars | | Wages Per Month | No of Employees | Total Salary |
|---|---|---|---|---|
| Supervisor | | 20,000.00 | 1 | 20,000.00 |
| Plant Operator | | 15,000.00 | 1 | 15,000.00 |
| Unskilled Worker | | 8,500.00 | 4 | 34,000.00 |
| Helper | | 5,000.00 | 1 | 5,000.00 |
| Security Guard | | 7,500.00 | 1 | 7,500.00 |
| | | | | |
| | | | | 81,500.00 |
| Add: 10% Fringe Benefit | | | | 8,150.00 |
| Total Labour Cost Per Month | | | | 89,650.00 |
| Total Labour Cost for the year ( In Rs. Lakhs) | | | 8 | 10.76 |

**BREAK UP OF SALARY**

| Particulars | | Salary Per Month | No of Employees | Total Salary |
|---|---|---|---|---|
| | | | | |
| Accountant cum store keeper | | 15,000.00 | 1 | 15,000.00 |
| Administrative Staffs | | 12,500.00 | 4 | 50,000.00 |
| Total Salary Per Month | | | | 65,000.00 |
| | | | | |
| Add: 10% Fringe Benefit | | | | 6,500.00 |
| Total Salary for the month | | | | 71,500.00 |
| | | | | |
| Total Salary for the year ( In Rs. Lakhs) | | | 5 | 8.58 |

**COMPUTATION OF DEPRECIATION**

| Description | Land | Building/shed | Plant & Machinery | Furniture | **TOTAL** |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| Rate of Depreciation | | **10.00%** | **15.00%** | **10.00%** | |
| **Opening Balance** | Own/Rented | | - | - | - |
| Addition | - | 9.00 | 3.50 | 0.83 | 13.33 |
| | - | 9.00 | 3.50 | 0.83 | 13.33 |
| | | | | | |
| TOTAL | | 9.00 | 3.50 | 0.83 | 13.33 |
| Less : Depreciation | - | 0.90 | 0.53 | 0.08 | 1.51 |
| WDV at end of Ist year | - | 8.10 | 2.98 | 0.75 | 11.82 |
| Additions During The Year | - | - | - | - | - |
| | - | 8.10 | 2.98 | 0.75 | 11.82 |
| Less : Depreciation | - | 0.81 | 0.45 | 0.07 | 1.33 |
| WDV at end of IInd Year | - | 7.29 | 2.53 | 0.67 | 10.49 |
| Additions During The Year | - | - | - | - | - |
| | - | 7.29 | 2.53 | 0.67 | 10.49 |
| Less : Depreciation | - | 0.73 | 0.38 | 0.07 | 1.18 |
| WDV at end of IIIrd year | - | 6.56 | 2.15 | 0.61 | 9.32 |
| Additions During The Year | - | - | - | - | - |
| | - | 6.56 | 2.15 | 0.61 | 9.32 |
| Less : Depreciation | - | 0.66 | 0.32 | 0.06 | 1.04 |
| WDV at end of IV year | - | 5.90 | 1.83 | 0.54 | 8.28 |
| Additions During The Year | - | - | - | - | - |
| | - | 5.90 | 1.83 | 0.54 | 8.28 |
| Less : Depreciation | - | 0.59 | 0.27 | 0.05 | 0.92 |
| WDV at end of Vth year | - | 5.31 | 1.55 | 0.49 | 7.36 |

**REPAYMENT SCHEDULE OF TERM LOAN** 11.0%

| Year | Particulars | Amount | Addition | Total | Interest | Repayment | Cl Balance |
|---|---|---|---|---|---|---|---|
| **I** | Opening Balance | | | | | | |
| | Ist Quarter | - | 12.00 | 12.00 | 0.33 | - | 12.00 |
| | Iind Quarter | 12.00 | - | 12.00 | 0.33 | - | 12.00 |
| | IIIrd Quarter | 12.00 | - | 12.00 | 0.33 | 0.67 | 11.33 |
| | Ivth Quarter | 11.33 | - | 11.33 | 0.31 | 0.67 | 10.66 |
| | | | | | 1.30 | 1.33 | |
| **II** | Opening Balance | | | | | | |
| | Ist Quarter | 10.66 | - | 10.66 | 0.29 | 0.67 | 10.00 |
| | Iind Quarter | 10.00 | - | 10.00 | 0.27 | 0.67 | 9.33 |
| | IIIrd Quarter | 9.33 | - | 9.33 | 0.26 | 0.67 | 8.66 |
| | Ivth Quarter | 8.66 | | 8.66 | 0.24 | 0.67 | 8.00 |
| | | | | | 1.06 | 2.67 | |
| **III** | Opening Balance | | | | | | |
| | Ist Quarter | 8.00 | - | 8.00 | 0.22 | 0.67 | 7.33 |
| | Iind Quarter | 7.33 | - | 7.33 | 0.20 | 0.67 | 6.67 |
| | IIIrd Quarter | 6.67 | - | 6.67 | 0.18 | 0.67 | 6.00 |
| | Ivth Quarter | 6.00 | | 6.00 | 0.16 | 0.67 | 5.33 |
| | | | | | 0.77 | 2.67 | |
| **IV** | Opening Balance | | | | | | |
| | Ist Quarter | 5.33 | - | 5.33 | 0.15 | 0.67 | 4.67 |
| | Iind Quarter | 4.67 | - | 4.67 | 0.13 | 0.67 | 4.00 |
| | IIIrd Quarter | 4.00 | - | 4.00 | 0.11 | 0.67 | 3.33 |
| | Ivth Quarter | 3.33 | | 3.33 | 0.09 | 0.67 | 2.67 |
| | | | | | 0.48 | 2.67 | |
| **V** | Opening Balance | | | | | | |
| | Ist Quarter | 2.67 | - | 2.67 | 0.07 | 0.67 | 2.00 |
| | Iind Quarter | 2.00 | - | 2.00 | 0.05 | 0.67 | 1.33 |
| | IIIrd Quarter | 1.33 | - | 1.33 | 0.04 | 0.67 | 0.67 |
| | Ivth Quarter | 0.67 | | 0.67 | 0.02 | 0.67 | 0.00 |
| | | | | | 0.18 | 2.67 | |

| | | |
|---|---|---|
| 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** | 3.38 | 4.67 | 7.00 | 9.24 | 11.80 |
| | | | | | |
| Interest on Term Loan | 1.30 | 1.06 | 0.77 | 0.48 | 0.18 |
| | | | | | |
| Total | 4.69 | 5.73 | 7.77 | 9.71 | 11.98 |
| | | | | | |
| **REPAYMENT** | | | | | |
| Repayment of Term Loan | 1.33 | 2.67 | 2.67 | 2.67 | 2.67 |
| Interest on Term Loan | 1.30 | 1.06 | 0.77 | 0.48 | 0.18 |
| | | | | | |
| Total | 2.63 | 3.73 | 3.44 | 3.14 | 2.85 |
| | | | | | |
| **DEBT SERVICE COVERAGE RATI** | **1.78** | **1.54** | **2.26** | **3.09** | **4.20** |
| | | | | | |
| **AVERAGE D.S.C.R.** | | | **2.53** | | |

**COMPUTATION OF SALE**

| Particulars | I | II | III | IV | V |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| Op Stock | - | 1,060.00 | 1,166.00 | 1,272.00 | 1,378.00 |
| | | | | | |
| Production | 31,800.00 | 34,980.00 | 38,160.00 | 41,340.00 | 44,520.00 |
| | | | | | |
| | 31,800.00 | 36,040.00 | 39,326.00 | 42,612.00 | 45,898.00 |
| Less : Closing Stock(10 Days) | 1,060.00 | 1,166.00 | 1,272.00 | 1,378.00 | 1,484.00 |
| | | | | | |
| Net Sale | 30,740.00 | 34,874.00 | 38,054.00 | 41,234.00 | 44,414.00 |
| | | | | | |
| Sale Price per 10 ml Bottle | 165.00 | 173.00 | 182.00 | 191.00 | 201.00 |
| | | | | | |
| **Sale (in Lacs)** | **50.72** | **60.33** | **69.26** | **78.76** | **89.27** |
| | | | | | |
| | | | | | |
| | | | | | |

**COMPUTATION OF ELECTRICITY**

| | | | | |
|---|---|---|---|---|
| **(A) POWER CONNECTION** | | | | |
| | | | | |
| Total Working Hour per day | | Hours | 8 | |
| Electric Load Required | | HP | 10 | |
| Load Factor | | | 0.7460 | |
| Electricity Charges | | per unit | 7.50 | |
| Total Working Days | | | 300 | |
| **Electricity Charges** | | | | 1.34 |
| | | | | |
| Add : Minimim Charges (@ 10%) | | | | |
| | | | | |
| | | | | |
| **(B) DG set** | | | | |
| No. of Working Days | | | 300 | days |
| No of Working Hours | | | 0.5 | Hour per day |
| Total no of Hour | | | 150 | |
| Diesel Consumption per Hour | | | 8 | |
| Total Consumption of Diesel | | | 1,200 | |
| Cost of Diesel | | | 65.00 | Rs. /Ltr |
| Total cost of Diesel | | | 0.78 | |
| Add : Lube Cost @15% | | | 0.12 | |
| Total | | | **0.90** | |
| | | | | |
| Total cost of Power & Fuel at 100% | | | | 2.24 |
| | | | | |
| **Year** | | **Capacity** | | **Amount** |
| | | | | **(in Lacs)** |
| | | | | |
| I | | 50% | | 1.12 |
| II | | 55% | | 1.23 |
| III | | 60% | | 1.34 |
| IV | | 65% | | 1.46 |
| V | | 70% | | 1.57 |

SAMADHAN
Nurturing Dreams - Innovative Solutions

## DISCLAIMER

The views expressed in this Project Report are advisory in nature. SAMADHAN assume no financial liability to anyone using the content for any purpose. All the materials and content contained in Project report is for educational purpose and reflect the views of the industry which are drawn from various research material sources from internet, experts, suppliers and various other sources. The actual cost of the project or industry will have to be taken on case to case basis considering specific requirement of the project, capacity and type of plant and other specific factors/cost directly related to the implementation of project. It is intended for general guidance only and must not be considered a substitute for a competent legal advice provided by a licensed industry professional. SAMADHAN hereby disclaims any and all liability to any party for any direct, indirect, implied, punitive, special, incidental or other consequential damages arising directly or indirectly from any use of the Project Report Content, which is provided as is, and without warranties.