

## ESSENTIAL OIL AND OLEORESIN EXTRACTION PLANT



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**Project Description:** The essential oils are extracted from the botanical material using a variety of extraction methods to suit the material extracted from and are highly odoriferous liquids. Essential oils are used in a wide variety of consumer goods such as detergents, soaps, toilet products, cosmetics, pharmaceuticals, perfumes, confectionery food products, soft drinks, distilled alcoholic beverages (hard drinks) and insecticides. The major players operating in the India are Doterra India Private Limited, Biolandes Natural Extracts Private Limited, Falcon Essential Oil, Bangalore, BO International Private Limited, Natures Natural India Pvt Ltd. And others.

**Raw Material:** Raw plant material, consisting of the flowers, leaves, wood, bark, roots, seeds, or peel are used to extract essential oils.

**Market:** The global essential oils market size was valued at USD 18.6 billion in 2020 and is expected to expand at a compound annual growth rate (CAGR) of 7.4% in terms of revenue from 2021 to 2028. The market is expected to be driven by increasing demand from major end-use industries, such as food and beverage, personal care and cosmetics, and aromatherapy. Unlike most conventional medicines and drugs, essential oils have no major side effects. Such traits of the product are projected to be the major driving factor for market growth.

**Machines & Equipment:** Boiler – Dryer – Cleaner – Grinder – SCFE unit – Pressure Regulator – Heat Exchanger – Condenser - Packing Machines.

<b>Minimum Viable Plant Capacity</b>	—	3000 Kg/day
<b>Plant and Machinery Cost (approx.)</b>	—	12 - 15 Cr
<b>Minimum Viable Project Cost (approx.)</b>	—	22 - 25 Cr
<b>Operational Days / Annum</b>	—	300days with 20Hr/day
<b>Area required (approx.)</b>	—	2000-2500 m <sup>2</sup> .

**NOTE:** Above mentioned figures and details are tentative. We recommend going for Techno-Economic Feasibility Study to understand the exact details of the project.

### Final Products:

