

Features of a Proposed Project

Project Name:	Cooking Oil Extraction & Refining Plant	
Purpose of the project:	For producing: cooking oil from soybeans and sunflower They are used in nutritional purposes, while squeezed seeds are used as oil meal in fodders and acids are used in manufacturing of toilet and kitchen soap	
Field/Sector:	Food Industries	
Targeted Markets:	Local Market	
Production Capacity as an Example:	20 k tons of soybean oil annually 1000 k tons of sunflower oil annually 55 k tons of soybean and sunflower oil meal annually 3000 tons of greasy acids annually .	
Required land area:	15000 m²	
Area of Buildings:	9500 m²	
Main Raw Materials and Supplies:	<ul style="list-style-type: none"> - Soybean seeds - Sunflower seeds - Bleaching powder - Phosphoric acid - Caustic soda 	
Main Project Machinery and Equipment:	<ul style="list-style-type: none"> - Crude oil and seed storage silos - Extraction equipment and its components - Bleaching equipment and its components - Refining equipment and its components - Purification unit - Refined oil storage tanks - Fatty acids storage tanks 	
Annual Consumptions of the Project:	- Consumption of Electricity	18,432 M.W.H
	- Consumption of Water	6000m³
	- Consumption of Gas	7,000,000 m³
Labour Required:	140	
Project Products:	Soybean oil, Sunflower oil, Soybean and sunflower oil meal, Fatty acids	

N.B.: This study is a rough estimate of the Example; a detailed feasibility study should be conducted.