

Features of a Proposed Project

Project Name:	Manufacture of armoured doors	
Purpose of the project:	Manufacturing of diverse armoured doors to secure the local market needs of armoured doors used in some homes, companies, organizations and institutions	
Field/Sector:	Engineering Industry	
Targeted Markets:	Local Market	
Production Capacity as an Example:	5000 units/year	
Required Land Area:	5000 m²	
Area of Buildings:	3000 m²	
Main Raw Materials and Supplies:	Anti-fire galvanized iron sheets - glass wool	
	Screws, bushes, accessories, magic eye and handles	
	Knobs, hinges and safety locks	
	Electronic auto-lock and card door lock	
	Electrostatic and epoxy paints - anti-dust rubber bushes	
	Welding and painting materials	
Main Project Machinery and Equipment:	Eccentric / hydraulic press	
	Air compressor and twist drills	
	Plate forming machine	
	Hydraulic bending machine	
	Electric shear - CNC punching machine	
	Electrostatic painting line	
	Half milling drill	
	Welding machines	
Annual Consumptions of the Project:	• Consumption of Electricity	29 M.W.H
	• Consumption of Water	1700 m³
Labour Required:	40	
Project Products:	Diverse armoured doors	

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