



## Client

PHARMA M

## Location

Oyoun, Metn - Lebanon

## Date

2008 - 2010

## Project Description

Pharma M is a Lebanese pharmaceutical manufacturing company of 2000m<sup>2</sup> of exploited area, specializing in the production, marketing, and sales of dietary supplements and herbal medicinal products. It is the only producer of science-based dietary supplements in Lebanon, and one of the few in the Middle East.

The objective of the current project was to provide the client with an architectural plant layout design, detailed engineering design, Bill of Quantity (BOQ) preparations, construction supervisions, and GMP Compliance with regulatory norms.

The purpose of the current project was to provide the client with all engineering studies to construct the plant according to GMP requirements and to all related Lebanese legislations and Health and Hygiene Requirements, Guidelines and associated Codes for the manufacture of Herbal Medicinal Products in order to prevent contamination and deterioration of the intended products.

## Scope of Work

- Feasibility Study for the proposed industrial building and its different zones.
- Preliminary Design for the plant layout in order to be in compliance with GMP Requirements and technical legislations
- Detailed Architectural, Structure, Electrical and Mechanical Design
- Bill of Quantities and Specifications according to GMP requirements and to client requirement and Quotation procurement of various needed materials and utilities
- Construction supervision
- Health and hygiene requirements Compliance Supervision
- Project review meetings for evaluating project progress & taking adequate corrective actions if required
- Developing of layout and Technical data, planning and project scheduling
- Ensure that there is an effective regulatory framework that encourages and supports compliance
- Ensure oversight of improvements and new developments to ensure the consistent application of national standards