



Brazil

Client

Fundação Biorio –
Projeto FUNED

Location

Belo Horizonte - MG



Detailed Engineering Project

Foundation linked to the governmental health ministry been one of the major health institution, science and technology of Brazil.

Facilities to produce medicines and immunobiologicals.

Located in the city of Belo Horizonte – Minas Gerais. Total built area of about 4,000 m².

Development of Detailed Engineering Project to implantation of new facilities to elaborate biotechnological products;

To this Project were raised solutions to:

- Foundation, infrastructure and superstructure
- Electric installation
- Logic (Data) and telephony
- Hydraulics
- Utilities
- Clean in Place and Sterilization in Place Systems (CIP and SIP)
- HVAC – Air Conditioning
- Fire Protection

Revision and cross checking of Detailed Projects and project to new chilled water system.

Automation Project: Flow Charts, List I / O, Control panels conceptual design, Design of cabling infrastructure, Material list, Drawings and Memorial installation details