

EnviroXcellence Plant

Organo-pack manufacturing facility



LogiProc

PROJECT DESCRIPTION

Design, Procurement and Construction of an Organo-pack production plant using sawdust coated with various microbes that decomposes hydrocarbons found in petrol and oils into non-toxic molecules.

This production plant, built for EnviroXcellence (Pty) Ltd in the Limpopo Province of South Africa, manufactures bio packs with natural micro-organisms that breaks down hydrocarbons in oil spills, landfills and wastes from mining and fuel companies.

LogiProc was approached to support the client to source funding through the IDC and DTI and to complete the design, procurement, manufacturing, construction and commissioning of the organo-pack facility.

The process facility consists of the Sawdust Stockpile Area, Sawdust Milling Station, Lime Makeup, Microbial Cultivation Station, Microbial Spraying Station, Sawdust Drying Station, Product Bagging, Chemical Handling and Raw Water Sterilization Station. The project also included the construction of the infrastructure which included offices, ablution facilities and services like water supply, power supply and sewerage.

PLANT CAPACITY

300 tpa

LOCATION

South Africa, Polokwane

CONTRACT TYPE

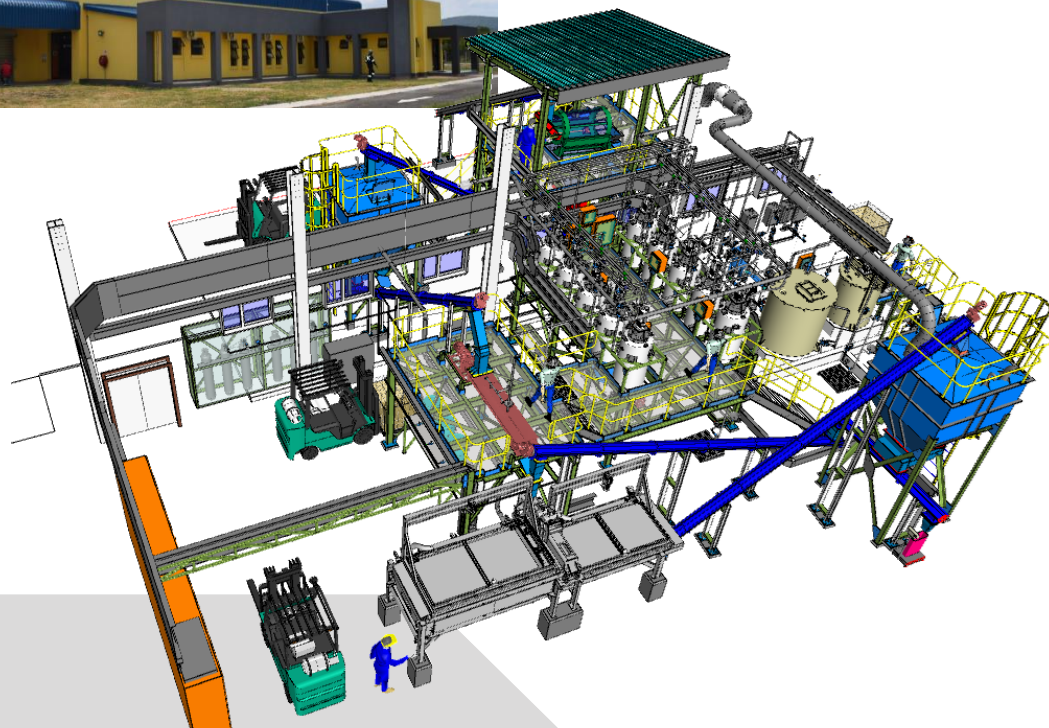
EPC/Turnkey

SCOPE

- Source Funding
- Test Work & Development
- Engineering & Design
- Project Management
- Procurement
- Construction
- Site Management
- Commissioning
- Training
- Operational Support

PERIOD

2023 - 2024



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