

GREENFIELD BIO FACILITY



Client:
CONFIDENTIAL



Value:
€100M



Location:
IRELAND



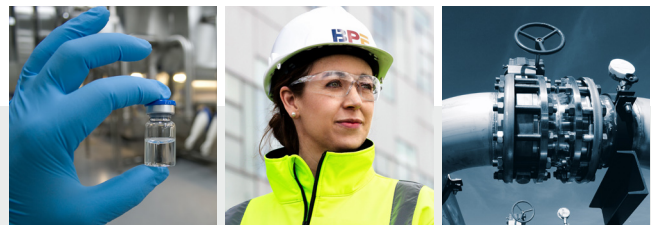
Duration:
26 MONTHS
GREENFIELD SITE
DEVELOPMENT



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GREENFIELD BIO FACILITY

INTRODUCTION

BPE were engaged by our client in 2015 for the development of a new greenfield facility in Ireland. The Development consisted of a new state of the art, Small Scale Manufacturing facility and Corporate HQ (Office & Canteen facility for 140 people.) The facility will manufacture a Biopharmaceutical Drug Substance for supply to the US and International markets.

Testimony to our success, BPE continue to support the site in more recent development of a new R&D Facility for device engineering and are supporting the engineering team in master planning, ongoing site design and support services for future developments for device engineering.



PROJECT OVERVIEW

Two storey manufacturing building including areas for:

Process / Manufacturing Area

- ISO 8 grade rooms
 - API Isolation
 - API Purification
 - Equipment Wash
 - Dispensary
- ISO 7 Grade Rooms
 - Advanced API
 - Excipient Room

Materials Receipt, Warehousing & Cold Storage

QC & Microbiology Laboratories

Process Development Laboratory

Plant Rooms & Utility Spaces

An external utilities consisting of:

- Utility Steam Generation
- Bulk Solvent Storage
- Rich Liquid Waste Storage
- Lean Liquid Waste Storage & Neutralisation
- VOC Abatement Systems
- Fire Water Storage & Pump house
- Compressed Air Generation Chilled
- Water Generation
- Lab Gas Storage
- Electrical Backup Generator MCC Room
- Plant Water Storage
- Autoclaving
- Buffer Solution Preparation & RM Dispensary
- WFI
- Clean Steam
- Clean Air
- Nitrogen
- CIP/HPW

TECHNOLOGIES

Small Scale Bio Processing

Centrifugation

Precipitation

Isolation & Drying

Chromatography

Filtration

Lyophilisation

SERVICES

- Scope definition from greenfield concept to facility delivery to OQ
- Conceptual Design Development
- Site Development works including all engineering services
- Front End Design including Planning, BCAR, Fire Cert, Liaison with Irish Water, Liaison with the EPA for EID & EIS submissions and Liaison with FM on Fire Protection requirements
- Detail Design for Process, Mechanical, Electrical, I&C, HVAC, Building Services, CSA
- Overall Cost & Program Management
- PSDP – over 750,000 hours worked accident free to date
- Full procurement, expediting and invoice reconciliation services for the overall facility
- Compilation, tendering, award & management of all construction contracts
- Vendor Management
- Definition of overall C&Q strategy, HPRA support, Completion of DQ/DR, SLIA and ongoing support for the C&Q team