

PHARMACEUTICALS

RB Group chosen for engineering support in new cleanroom and solvent store project due to proven expertise

RB Group's proven track record has them selected to provide engineering support for a new cleanroom build, featuring multiple classified areas, a new solvent store, and an equipment store housing four Kardex units.

BACKGROUND

A pharmaceutical firm in Southern England sought engineering support for the construction of a new cleanroom and solvent store facility, demonstrable experience in similar contracts was key in securing the contact.



PROJECT SCOPE

PROJECT MANAGEMENT

✔ Detailed design

– Equipment List

– Line List – TP list

– HAZOPs

– Environmental Philosophy

– Room data sheets

– Schedules, valves, instruments, SPs

– Cable specifications and calculations

– SLDs

– Control Philosophy

– HAZOP studies

✔ Tendering

✔ Construction management

✔ Planning and building regulations support

✔ CDM and H&S

✔ Contract Management

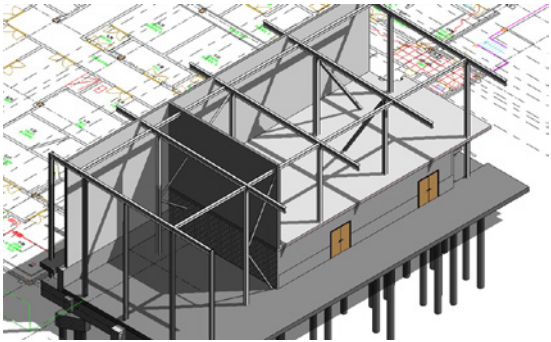
✔ Procurement strategy and management of sub-contractors

✔ Commissioning, validation protocols and handover

CHALLENGES

DESIGN CHALLENGES

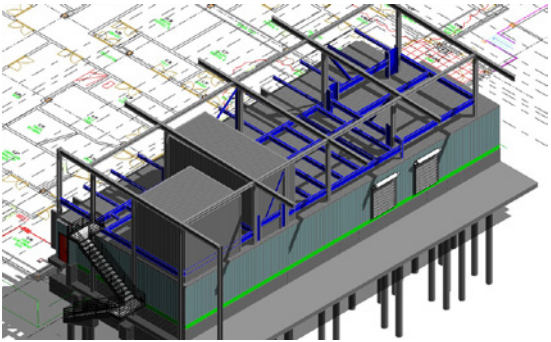
During the design phase, the team faced challenges including the need to develop the design brief alongside the design to stay within budget. Lacking a defined User Requirements Specification (URS), RB Group worked closely with the client to create this essential document, ensuring the final project met all operational, functional, and regulatory requirements. Additionally, they had to accommodate design changes at short notice and integrate equipment supplier information early in the process to avoid later modifications.



Facility prior to demolition

CONSTRUCTION CHALLENGES

The construction phase presented several challenges, including the coordination of efforts between five different contractors and ensuring consistency between drawings while detecting potential clashes without the aid of a 3D model. Additionally, the team had to manage gaps between the contractors' scopes of work and maintain clear delineation of which items belonged to each specific package.



Completed project – doors services and stairs added



THE SOLUTION

Despite the challenges of COVID-19, client staff changes, contractor approaches, and supply chain disruptions, **the project was delivered and commissioned to the client's satisfaction**. This success reinforced the strong, long-term relationship between the two companies and resulted in **continued collaboration on future projects**.



ABOUT RB GROUP

RB Group provides professional engineering consultancy, design, project, and construction management services across a wide range of sectors from Pharmaceuticals to Heavy Engineering – applying vision, purpose, and cutting-edge expertise.

We undertake every stage of a project lifecycle from initial conception to commissioning, both globally and within the UK.

Our highly skilled and qualified Process, Mechanical, Civil and Structural, HVAC, CDM, Electrical, Control & Instrumentation Engineers undertake engineering projects of all sizes. These range from smaller scale projects such as plant modifications, expansions,

and upgrades, through to multi-million construction projects. We apply the same levels of client focus and professionalism to every project, regardless of size.

Our high proportion of repeat business coupled with an organically growing new customer base is no accident and reflects our unique approach that make us stand out in the market-place.



FIND OUT MORE

- ✓ Our experienced engineering team could support you on your next project. Why not contact Genghis Perriman our Business Development Manager to discuss further for a no-obligation discussion?

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