

Introduction

One of the worlds leading Universities is currently undertaking a major re-fit of their research laboratories over a number of floor levels in the building at their hospital campus.

Included as part of the new 'state of the art' facilities provided for research projects into infectious diseases is a purpose built suite of three containment level 3 laboratories.

MAT was selected as the preferred specialist sub-contractor to undertake a complete design and build contract working closely with the University and the main contractor to provide the new facility on time and to budget.



Scope Of Supply

MAT was employed to provide a complete turnkey design and build of a CAT3 suite comprising 3 separate Laboratories.

- Air conditioning and duct works
- Full system controls and integrated Trend BMS System
- Integrated Microbiological Safety Cabinets Class II & III/I
- Laboratory furniture 'Trespa' benching, cupboards and shelving
- Interlocked GRP Laboratory Doors
- Security outer walls, doors and access control
- Welded sheet vinyl finish to walls and ceilings, epoxy applied floor, coved to all junctions
- Integrated CL3 standard pass through Autoclaves
- Integrated VHP Hydrogen Peroxide Cabinet and Laboratory Fumigation System
- Laboratory fabric integrity testing
- Full Commissioning, Validation and user/maintenance training

Data

Industry Sector:
Research & Higher Education

Classification:
CAT 3 to DOH ACDP 'The management, design and operation of microbiological containment laboratories'. Construction detail to Home Office 'Security Standards for Laboratories, subject of Part 7 of the Anti Terrorism, Crime and Security Act 2001'.

Duration: 6 months
Physical Size: 92m²

Client Comments by University Representative

"We were delighted to work with MAT to establish the suite of laboratories at our Hammersmith Campus. This was a significant new facility for us where we needed to provide our senior research staff with a reliable, secure state of the art containment facility which is so important if research projects are to proceed. MAT demonstrated their ability to work alongside the building main contractor to deliver the facility on time"