Case Study

NHS Greater Glasgow & Clyde

Queen Elizabeth University Hospital Negative Pressure Isolation Rooms

Location
Glasgow

Duration
44 Weeks

Value
£340k

We converted 7 PPVL isolation rooms into negative pressure isolation facilities to provide suitable containment for patients suspected of having a highly infectious disease.

The works included the installation and testing and commissioning of mechanical, electrical and controls services installations including:

- BMS
- Lighting
- Power
- Fire alarms
- Water systems
- Drainage

We also carried out alterations to existing small power, fire alarms, lighting, AHU, plant, ventilation, and ductwork to suit.

The works were completed in 3 phases to minimise disruption. As the works were carried out within a live hospital environment, we adhered to strict HAI-SCRIBE measures including segregation of work areas with air sealed partitions to minimise dust contamination and use of tack mats and monitoring station to manage dust pollution in the rooms.

We were in constant communication with the Estates Manager, Infection Control Manager and the Ward Manager to co-ordinate works and ensure all were aware of what was happening and when to minimise any disruption to the ongoing operations of the hospital.

Our experience of managing these types of projects has provided us with a deeper understanding of Healthcare Technical Memorandum (HTM) requirements, and as a result, we have developed specific quality control measures including on-going assessment of hospital “streets” and detailed requirements to assess installations for compliance prior to handover.