

Healthcare



Queen Elizabeth Hospital, Gateshead

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INTEGRAL

Queen Elizabeth Hospital, Gateshead

Services Included:

Heating and chilled water systems • ventilation and air conditioning • hot and cold water domestic services • management systems • medical gases installation • corrosion protection and water treatment • power and lighting • fire and security systems • ITC systems



“Integral have developed a long-standing relationship with the QE Hospital, knowing their requirements and being able to deliver outstanding projects on time and within budget”

The Peter Smith Surgery Centre was designed and built to provide patient care in a 21st century environment at the QE Hospital. The scheme, one of the first undertaken through the National ProCure21 Framework. Built at a cost of £13.3m, the centre has 60 in-patient beds, four operations theatres and a 16 patient day case space. The surgery centre provides elective (planned) care for in-patients and day patients needing orthopaedic, gynaecological and general surgery. Integral (UK) Ltd were employed to design, install and commission the mechanical and electrical services to the building including the operating theatres and ancillary support areas. The four operating theatres each have a state-of-the-art laminar flow clean air system and the very latest in anaesthetic and surgical equipment. A full and complete mock-up of a bedroom and bathroom area was constructed, enabling sign off by end users prior to the actual finishing works progressing on site.

The Trust's team were instrumental in working with Integral UK Ltd. improving the quality of the buildings to a standard well above the norm. Weekly cluster and core team meetings were held during the pre-construction with updates on design and construction works. Being a confined site, its boundaries defined by the footprint of the building, access/egress, materials handling and signage had to be carefully planned by the project team in order to minimise disruption to the hospital. A weekly schedule of material deliveries was produced and discussed with the hospital project manager. In addition a daily dialogue took place between our construction team and the hospital project manager to ensure disruption was kept to an absolute minimum. Members of staff were made aware of the works and programming issues. Clear signage and posters/ boards illustrating the works were designed as part of our early communication and liaison activities.

Client: NHS

Sector: Healthcare

Location: Gateshead

Contract Value: £3.5M

Construction Period: 14 months



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