

# Engaging with Healthcare

## Healthcare and NG Bailey

NG Bailey has contributed to over 10% of all healthcare construction projects over the last few years. Our role is to work in unison with our partners to bring buildings to life. We design, install and maintain the services that manage and improve the everyday life for patients and staff, like lighting, ICT, security and air management systems.

We add value by making them work together to create comfortable, relaxing and efficient 21st century healthcare environments.



## Working with Healthcare Projects

We have a holistic approach to healthcare projects. Our on-site team's role includes engaging staff and patients, not just building effective spaces. Our central healthcare engagement team works with independent specialists to create a set of resources that reflect the curriculum and bring our skills into the classroom. We've developed a choice of standard vocational courses for learners that have been fully tested. We can also create bespoke programmes that will suit specific requirements.

NG Bailey will provide the materials to deliver each project and make its staff available for advice, guidance and review at all stages of the project.



To find out more about NG Bailey's work on healthcare projects visit [www.ngbailey.com](http://www.ngbailey.com).  
To discuss our experience call Mark Bowden on 07971 157475



## About NG Bailey

NG Bailey is about life in buildings. We turn an empty shell into a living environment that continues to evolve and improve as healthcare requirements change and grow.

We've developed from a simple electricity installation business 80 years ago into a multi-capability organisation that covers all aspects of the infrastructure of the building – heat, light, water, air and ICT. These are the elements of a building that determine how it works and how it performs – for patients and staff.

We believe in creating better healthcare buildings, ones that are relaxing, efficient and support care and recovery.

## Delivering our commitment

Creating truly world class healthcare environments is one of the greatest challenges facing the construction sector. To deliver against that challenge we believe in continual innovation. Our involvement in projects such as Re-Thinking Healthcare enables us to work with our partners to develop and implement new ideas in a 'laboratory' style environment. In turn, these projects help to encourage the sort of discussion and debate from which comes further innovation.

Successful innovation and improvement relies on experience. In partnership with key healthcare construction contractors, we have worked with all four types of NHS framework, including Procure21 and Procure21 Plus, the Scottish Health Framework, large PFI projects and the Circle Framework. Our commitment to full partnering and strategic project engagement has helped the effective delivery of each one of these projects. We understand that every project is different – but what is consistent is the demand for intelligent application of experience.



## NG Bailey at work in the healthcare sector

### Sheffield CCU

Working under the Procure 21 framework, NG Bailey recently completed the new build Critical Care Unit at the Northern General Hospital in Sheffield. It is the largest ITU building in Europe.

Careful consideration of the client's requirements meant that NG Bailey used external risers around the building to ensure that maintenance staff would not need to enter patient areas for access. The project also made extensive use of NG Bailey's off-site capability, including construction of the largest plantroom built off-site in the UK with a floor area of 900m<sup>2</sup>. Using off-site cut the construction time by 3 months and enabled the project to meet a very strict timetable for increasing the ITU treatment capability.

To ensure that low lifetime costs, ease of maintenance and excellent environmental performance were prioritised from the start, NG Bailey was responsible for the design of all of the building services and infrastructure. An open, supportive and honest relationship between the project partners and client helped secure its success.

### St Helens Hospital

The redevelopment of St Helens and Whiston hospitals via a Private Finance Initiative was the largest single investment in healthcare undertaken in Merseyside since the NHS was formed. NG Bailey was responsible for the delivery of the building services installation at both hospitals.

The project team used a very high level of off-site manufacturing to drive down the risk of over-run and deliver higher standards of quality, sustainability and health and safety.

The work involved 5,000 multi-service horizontal and vertical modules as well as plant rooms, toilet pods and pre-serviced bedhead trunking.

The project achieved a 31% improvement in the Accident Incident rate, a 20+ week reduction (15% saving) in the construction time for M&E works and 25% reduction in the maximum labour force on site. The St Helens project was successfully handed over on time.

