

**Sector:****Health****Client:****Torbay and South Devon NHS Trust****Scope of Works:****Principal Contractor Appointment Incorporating Structural, Building, Fire Protection, Mechanical and Electrical Works****Contract Value:****£1.3m**

A complex and time sensitive refurbishment project to transform an existing operating theatre suite for Torbay Hospital to provide 2 new state of the art Ultra Clean orthopaedic operating theatres, anaesthetic rooms, recovery area and all associated staff and ancillary spaces.

The project was originally due to provide a predominantly light refurbishment of the existing theatres with the primary aim of replacing the existing ventilation system due to the existing system being life expired, including re-wiring, new lighting, replacement ceilings and decorations. With the anticipation that works would be completed by the end June 2019.



However, as the initial demolition phase of the works were undertaken to remove ceilings and existing ductwork systems it became apparent that there were significant structural issues with the existing soffit of the building which dates back to the 1930's.

Working closely with the Trust's design team and following an extensive period of investigations and surveys, solutions were developed to overcome the structural and associated fire integrity issues that had become apparent. These solutions were designed, costed and installed in phases in order to mitigate the impact of the

unforeseen delays to the programme with this phase of the works being completed mid July 2019.

REFURBISHMENT OF THEATRES A&B TORBAY HOSPITAL

As far as possible other works were progressed concurrently with the structural and fire integrity works, however this was limited within the operating theatres and ancillary areas due to co-ordination and safety issues. From predominantly an empty shell in mid-July Totus were challenged to complete the project as quickly as possible due to the impact the unforeseen delays were having on the Trust's capacity to undertake Operations with 2 theatres out of action. Works were progressed as quickly as possible by working extended hours, shifts and weekends in order for the building and associated systems to be ready for commissioning and validation at the end of September.

The operating theatres, anaesthetic rooms, recovery ward, staff areas and ancillary rooms were completed and handed over for operations to commence on the 7th October 2019.

Services Provided:

- Structural Concrete Repairs
- Structural Steelwork
- Fire Protection
- General Building Works
- Carpentry
- Suspended Ceilings
- Flooring
- Decorations
- Ventilation
- Hot & Cold-Water Services
- Medical Gases
- LTHW Heating
- Chilled Water
- BMS Automatic Controls
- Sanitaryware and Above Ground Drainage
- Air Conditioning
- Small Power
- Data
- LED Lighting
- Fire Alarm
- IPS/UPS Systems Wiring
- Theatre Surgeons Panel Wiring

