

CASE STUDY EXETER UNIVERSITY – HATHERLY LABS

TOTUS



Sector: Education

Client: Exeter University

Scope of Works: Mechanical and Electrical Services

Contract Value: £400K

The project involved the construction and fit-out of a temporary two storey building adjacent to the existing 1940's Hatherly Laboratory Buildings at The Exeter University Campus.

The new building provides accommodation for specialist testing laboratories with associated support facilities.

All major plant items, i.e. AHU, Chiller, BMS Control Panel, Extract Fans, etc. were roof mounted on a "big foot" support system with the main M&E distribution route on the outside of the building.



Heating was provided from the existing central boilers providing a constant temperature circuit to the AHUs and a compensated circuit to radiators at various locations around the building.

Laboratory and domestic hot & cold water services were provided from the existing storage tanks and calorifiers respectively. The electrical service was extended from an existing switch board to supply the local lighting and power distribution boards. We also integrated a standby generator complete with auto changeover switches.

Services Provided:

- Fresh Air Supply and Extract Ventilation System
- Packaged Air Cooled Chiller
- Extension of Existing Constant Temperature LTHW System
- Extension of Existing Domestic and Laboratory Hot & Cold Water Services
- Lighting & Small Power
- Extension of Existing Fire Alarm
- BMS Controls
- Standby Generator