CASE STUDY

MEDICAL MYCOLOGY



Sector: **Education**
Client: **Willmott Dixon**
Scope of Works: **Mechanical & Electrical Installation**
Contract Value: **£1.75m**

Totus Engineering were tasked with providing MEP services to a number of refurbished laboratories across the campus of the University of Exeter. From the outset this project had a challenging programme. Following our initial appointment in April 2019 Phase 1 required completion by the end of July 2019. Phase 2 was successfully completed in September 2019 and phase 3 works commenced during November 2019 and are scheduled for completion in May 2020.

The project involves the complete refurbishment and re-purposing of existing laboratory spaces across 4 separate buildings to suit the specific requirements of the Medical Mycology research group, who are relocating to Exeter University from Aberdeen University. Due to the incredibly tight timeframe, MEP installation works were being undertaken as the design was being developed and evolved to meet the client's requirements.

Despite the challenging programme and budgetary constraints, our dedicated delivery team continue their pro-active approach to ensuring that services to the laboratories and ancillary spaces are installed, tested and commissioned to the highest quality and standard that Totus are renowned for. A significant factor regarding the appointment of Totus was our unique offering of being able to provide a 'one-stop shop' service to our client. The ability to deliver this complex refurbishment programme using our own in-house specialist services to deliver the IT infrastructure, air conditioning and ventilation systems was a fundamental differentiator not only in terms of securing the initial award but the impact that it had upon the design and delivery processes. Having dedicated specialist data and AC resource throughout the project provided us with the ability to advise the designers on the most appropriate solutions, be flexible and accommodating in our approach to the installation, have direct control over our own site resource and quality of the installation.

In addition and most importantly, it gave us the ability to react immediately to any changes within the scheme due to the existing buildings within which we were working and the evolving requirements of the client.

The pro-active attitude throughout the project resulted in commendations from our client and principal contractor, Willmott Dixon, the client's Project Manager, AECOM and the University of Exeter.

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Services Provided:

- Heating
- Chilled Water
- General Ventilation
- Process Ventilation, including fume cupboards
- Air Conditioning
- Domestic Water Services
- Process Water Services
- Earthing and Bonding to BS7671
- Above Ground Drainage (Laboratory Standard)
- Specialist Laboratory Gases
- Gas detection Systems
- Automatic Controls
- Power
- Lighting
- Fire Alarm
- IT/Data Infrastructure
- Security