

CASE STUDY

Grove Building Refurbishment (Synthetic Chemistry)

Client: Swansea University
Sector: Education
Services: Design & Build
Procurement: 2 stage SEWSCAP
Contract: NEC A
Value: £4.3m
GIFA: 2,240m²
Start: Nov 2016
End: Nov 2017

Design Team:

Architect: Danton B3
Engineer: WSP
M&E: McCann

Contact for Reference:
TBA



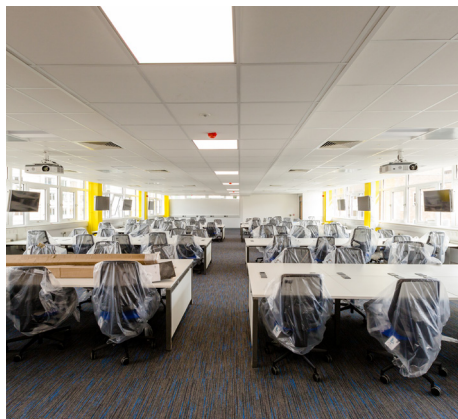
PROJECT DESCRIPTION:

The proposed design and build works contract currently consists of the following elements:

- Circa 2,240m² of internal refurbishment consisting of teaching and ancillary spaces located on the ground, second and third floors of the existing Grove Building
- The Grove Building was built in the early 1960s and requires envelope repairs as part of the works, including window replacement and roof re-covering. It is not a Listed building.
- Mechanical and electrical plant replacement and upgrade works
- Works to repair and improve the external hard landscaping surrounding the building.

Key project Requirements:

1. Provision of 3 No. large laboratories, two of which are to provide 80 No. work stations each.
2. Provision of small to medium size research laboratories, including a of a bunded "flood and fire resistant" laboratory
3. Provide a minimum of 10 No. individual offices for staff (4 No. research focused and 6 No. teaching focused) and provide 1 No. office for the shared use of 3 No. lab technicians.
4. Provision of a central lab preparation room, a briefing room/zone and locker storage.
5. Provide Specialist Nuclear Magnetic Resonance spectroscopy (NMR) equipment within 1 No. laboratory.
6. Provision of New Department entrance at Ground floor in the Grove Annexe.
7. Provision of Computer Suite for 80 students.
8. Provision of additional female and accessible WC facilities.



Why the project is required: The project aims to provide facilities for the re-introduction of Chemistry to Swansea University. To create a flexible, modern and professional standard facility for the teaching, learning and research of chemistry including:

- Provision of a state-of-the-art, professional standard core research facility in synthetic chemistry.
- Provision of professional standard, multi-functional laboratories to cater for the teaching of 1st, 2nd and 3rd year students.