



CLIENT

University of Salford

LOCATION

Salford

CONSTRUCTION VALUE

£49.5m

CONTRACTOR

Morgan Sindall

START - COMPLETION DATE

May 2020 - Mar 2022

SECTOR

Higher Education

FORM OF CONTRACT

NEC 4 ECC Option A

DELIVERY TYPE

Design and Build



The Science, Engineering and Engineering (SEE) Building brings together an entire faculty in one collaborative space at the University of Salford. The building features specialist facilities including high spec labs, an anechoic chamber and a wind tunnel

The SEE Building will be occupied by the departments of Robotics; Built Environment, Civil Engineering, Computer Science, Human and Natural Science; and The Morson Maker Space. It forms part of the Salford Crescent and University District masterplan and serves as an exemplar model of the University's commitment to its industry collaboration strategy.

World-leading research and future facing teaching

- The four-storey, 15,550m² RC frame building The open plan layout features dedicated spaces for collaborative learning between disciplines.
- Also included are offices, seminar rooms and high spec laboratories as well as workshops and makerspaces. High tech facilities such as laser laboratories, an anechoic chamber and a wind tunnel.
- The BREEAM Excellent building incorporates high sustainability credentials; it is fully electric powered, supported by 154 roof mounted photovoltaic panels. It also features highly efficient adiabatic cooling to air handling units as well as air source heat pumps for heating and cooling.

Creating value during the pre-construction period

During pre-construction, the design and budget developed significantly to accommodate an increase in size and capacity now required by the University. The contractor team co-located with the University to facilitate a collaborative approach. Regular and transparent cost control with regular reporting has kept the University in control of their budget and Value Engineering (VE) decisions which included;

- Amending the structural RC frame solution to steel frame and reusing spoil from site reduced costs whilst creating significant environmental benefits.
- Amending pre-cast cladding design to aluminium rainscreen cladding.
- Rationalising the design for internal wall linings windows.



For more information please contact:

NWCH MANAGEMENT TEAM

Web: <http://nwconstructionhub.org>



The team successfully managed a very challenging commercial process throughout to achieve the final contract sum. Some good innovations contributed to the overall value engineering process and the Stakeholder review process was also a particular highlight, with good feedback received from all parties."

Charlotte France, Project Manager, University of Salford