
PROJECT NAME:
UKAEA R&D Offices

CLIENT:
UKAEA

LOCATION:
Oxfordshire

M&E ORDER VALUE:
£4.7 million

CONTRACTOR:
Kier Construction

A new 8,000 sq m research and development facility at Culham Science Centre in South Oxfordshire for UK Atomic Energy Authority (UKAEA) as part of a major regeneration programme.

The project will comprise a new four storey office building to be used by multiple tenants with a rig hall for research and development.

It will be designed to BREEAM 'Excellent' standard to comply with targets set out in the South Oxfordshire Local Plan. A solar photovoltaic array is to be installed on the roof filling any free space to maximise efficiency. Air source heat pumps provide heating and cooling to the building via a VRF system comprising of high-level fan coil units working together with the ventilation systems.

M&E systems have all been designed in 3D using Revit to a BIM level 2 standard. Furthermore, Dodd Group have facilitated the bespoke requirements of the client for their asset management and completed rigorous clash detection workshops.

