ICL H1 Facilities

LOGAN CONSTRUCTION

Higher Education / Refurbishment

Key Features:

- Refurbishment of research laboratories
- Refurbishment delivered to BIM level 2
- Occupied and highly sensitive environment

The project comprised the refurbishment of the under utilised farm area. A perimeter barrier with a separate entrance and some procedural space (2-3 small rooms) was provided to ensure the college's research could continue.

Key Project Drivers included: provide decant space for college staff/students so works could commence, refurbish the facility to accommodate predicted animal usage and developing a feasibility option 4 for additional surgery and research areas. Critically, our planning ensured compliance to the Home Office requirements and EU directive 201/63 Annexe III.

BIM Level 2

The college used the project, their first refurbishment BIM Level 2 scheme, as a trial event. Utilising this process, we:

- Appointed our Contract Manager as BIM Champion
- Ran clash detection, improve M&E coordination and prefabricate offsite
- Coordinated BIM workshops to ensure the model was accurate, the BEP was implemented and the CDE was used correctly

Working within an occupied college environment

This project was undertaken within an occupied building, so attention and planning was implemented to the logistical requirements of the project. This ensured emergency routes and campus activities were not compromised.

Safeguarding access / egress on a high-security site

The client was particularly concerned with security. Therefore, an SR4 Steel Door set was cut into the external brickwork of the building at 1st floor level and our scaffold access gantry and welfare facilities were all arranged so that the only access was through our steel secured cabins. In addition, we fitted CCTV externally along with intruder alarms and card swipe access to our site set up, all of which was linked back to the ICL Security infrastructure.

Client:	Imperial College London
Project Value:	£1,100,000
Programme Duration:	36 weeks
Architect:	BMJ Architects
Quantity Surveyor:	Mortimer Isaacs Consultancy