London Zoo Nuffield Laboratories

LOGAN CONSTRUCTION

Commercial / Refurbishment

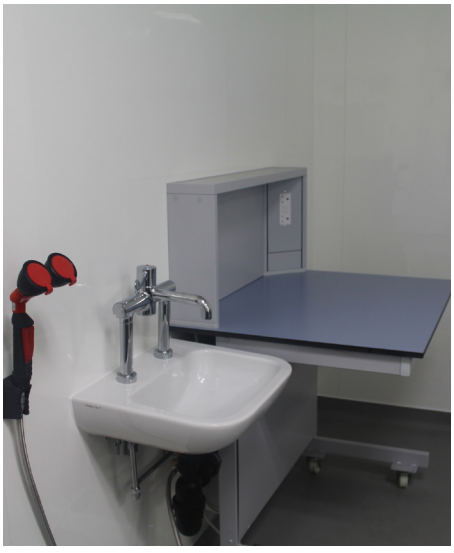
Key Features:

- High-specification research laboratories
- Bespoke finishes, with robust coordination of specialist suppliers
- Fast-track programme

The project comprised the strip-out of the old 2nd floor laboratory area and the formation of five new high specification laboratories. We retained live services to the occupied areas whilst removing internal brick walls and lead walls from the former X-ray department.

New internal partitions were formed and lined with anti-bacterial coatings and the walls laminated. The floors were resin bonded. Bespoke Germany manufactured laboratory furniture was installed together with specialist Swedish air handling units, craned and installed externally on the roof. These provided comfort cooling air units to each individual work unit, inclusive of positive pressure to the RNA & DNA laboratories.

New passive infrared lighting, alarms and an electronic door control system provided the necessary controls, whilst eye wash stations adjacent to each work bench and hygienic coatings to all exposed areas help safeguard occupants. Additionally we refurbished the East stairwell from ground to second floor.



Fast-track programme

This was a tightly scheduled 12 week programme, with unknown structural aspects. However, we coordinated the Contract and supply-chain effectively to complete within the agreed duration.

Working within a sensitive, public environment

Owing to this high-profile location, careful consideration was given throughout the planning and delivery stages of this Contract to protect the animals, staff and visitors of the zoo. Chief amongst the challenges were the research laboratories above and below the floor we were operating on. Moreover the site was immediately adjacent to the Zoo's offices and library, so strict segregation, noise, dust and vibration methods were implemented to safeguard all local stakeholders.

Client:	Zoological Society of London
Project Value:	£400,000
Programme Duration:	12 weeks
Architect:	Wharmby Kozdon Architects
Quantity Surveyor:	WT Partnership