

HEBS Building, Loughborough University

HEBS Building
Loughborough University
Leicestershire

Sector
Education

Client
Loughborough University

Contract Value
£7.9 million

Contract Period
May 2007 to June 2008

Form of Procurement
Two Stage Design & Build

Contract Type
JCT 2005 with Contractors Design

Gross Internal Floor Area
3,467m²





Project Details

Construction of the new Health, Exercise and Bio Sciences building (HEBS) to bring together the School of Sport and Exercise and Human Sciences to create a world class research and teaching facility in these fields. The new facility replaces an existing swimming pool, which was demolished by the client to make way for this project.

The design contains approximately 3,000m² of accommodation comprising sports science laboratories and teaching space along with associated service, plant and circulation areas.

The building strategy is an energy efficient structure with the concrete frame constructed utilising a 400mm thick RC slab as a thermal mass integrated into the M&E design. The rooflight to the main atrium is formed using an ETFE membrane, which is a three-membrane 'inflated balloon' acting as solar shading, allowing a large amount of natural light into the building.



Our Solution

GB Building Solutions Ltd demonstrated in the first stage of this two stage tender process that we can provide buildability knowledge, main contractor experience, cost planning advice and key supply chain input into the project to reduce client risk and firm up the design/bidding process.

From this we managed to provide the client with a firm lump sum contract complete with detailed Stage E design.

As a result of the levels of detailed design co-ordination carried out during the second stage, a quick start on site from agreement of the lump sum was achieved.



Detailed design co-ordination ensured prompt start on site

ETFE panels in roof similar to those used on the Eden Project

Client Reference

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