

■ Architecture
 ■ Mechanical
 ■ Electrical
 ■ Structural
 ■ Public Health
 ■ Construction
 ■ Management

Lonza Biologics plc

Biopharmaceutical production facility, Slough

The Austin Company has been awarded a multi-million pound contract with global Biopharma company Lonza, as the designers and principal contractor for the Proteus Project located in Slough.

Austin is undertaking the role of principal contractor for the project combining both design and construction expertise, working closely with the Lonza project team. This is to ensure that the project is delivered against the client's expectations and at all times that the GMP facility is able to function to meet the client's operational requirements.

The Proteus Project has two fundamental aims. Firstly, the refurbishment of the 20 year old biopharmaceutical building, improving productivity to over twice its existing capacity, and secondly, to replace redundant and obsolete technologies. This will allow the new facility to meet stringent customer and regulatory expectations of quality standards for the in-market supply of products in the 21st century, as well as conforming to Lonza's reputable 'Global Standard'.

One of the key areas which reveals the expertise and experience of Austin is the fact that we are able to perform the refurbishments whilst production continues in the same buildings. Working alongside Lonza users to maintain current production levels and ensuring construction



continues on schedule, has been a reflection of the professionalism and commitment to the absolute highest standards displayed by the project team. This was achieved via an eight phase project plan with sub-phases which represents a master class in both planning and execution.

The primary focus for Austin has been to address the quality and effectiveness of the production areas used to carry out fermentation, purification and manufacture.

As the project was handed over, the exemplary health and safety record, in addition to the clear communication channels, represents a tribute to the Austin on-site management team as well as the company as a whole.

"The professionalism and flexibility which The Austin Company exhibited was essential for the completion of such a demanding project and Austin provided an exciting prospect for collaboration".

An Exciting Year

2012 has been another challenging year for our industry and we are very proud at Austin to have been successful in attracting new clients in a depressed market.

The market remains sluggish during the recession and there appears to be a growing trend toward smaller projects focused on improving standards and efficiency, with approvals taking longer than normal.

We have found our ability to provide separate and flexible services a distinct advantage to the often required step by step approach. This has proved beneficial in conjunction with our ability to offer a complete design, engineering and construction service.

All the needs of a project such as concept design, preliminary design, detail design and estimating for services including architectural,

civil/structural, mechanical and electrical, can be provided on an individual basis depending on the client strategy.

2013 will mark the Diamond Jubilee of our UK operations. We are proud to achieve this milestone which encourages us to look forward with optimism.

Finally we are pleased to have, for the 4th consecutive year, received the Gold RoSPA award for our Health & Safety performance during 2012.

All of us at Austin look forward to serving you when your next project requires our services.

Prakash Davda

Prakash Davda - Managing Director

Index:

- 1 - Lonza Biologics plc.
- 2 - Aberystwyth University
- 2 - Huntsman Pigments
- 3 - The University of York
- 3 - Imperial College London
- 4 - 2 Sisters Food Group
- 4 - Charity Fund Raising
- 5 - BIM Investment
- 5 - Jubilee
- 6 - Cadbury/Kraft
- 6 - Medical Research Council



enquiries@austin.co.uk



Austin is proud to have been part of the design team for the successful completion of major facility investments at the highly regarded complex for Aberystwyth University.

The project consisted of two facilities, one on the University's Gogerddan campus and the second on the Penglais campus.

The Gogerddan centre will help to develop new plant and crop varieties to tackle the global challenges of climate change, food security and replacing oil based products. This was officially opened by Professor Sir

Aberystwyth University

Aberystwyth University open new £6.8m National Plant Phenomics Centre

Tom Blundell, chairman of the BBSRC.

The Penglais Centre houses the bioinformatics and spatial modelling laboratories as well as offering a hub for undergraduate and postgraduate teaching. This was officially opened by Welsh Government Education and Skills Minister, Leighton Andrews.

Austin successfully joined forces with architects Pascal + Watson to design the new laboratory and glasshouse facilities.

Austin was also specifically responsible for laboratory design, building services, and was the main contributor to sustainability and energy issues.

The project was selected as the finalist for the 2012 Low/Zero Carbon Award by Constructing Excellence in Wales – Aberystwyth University IBERS Teaching + Learning Facility and is Winner of Best University Category for BREEAM Excellent 2011



Huntsman Pigments

Huntsman Pigments is an international company specialising in the research, development and production of titanium dioxide pigments for a variety of industrial applications.

The operational headquarters, along with the research and development arm had developed and expanded within various parts of existing buildings.

With a strong business platform, Huntsman Pigments decided to move from an old stock

of building to brand new premises consisting of a four storey office building and a large single storey commercial building with mezzanine offices.

Austin was asked to undertake a feasibility concept and develop this into a preliminary design, then develop the detailed design and specifications for on-site implementation.

The accommodation over four floors is predominantly open plan with the layout responding to the functional requirements

and the geometry of the building.

The open plan strategy is supported by stand-alone resource areas, proprietary break out pods and meeting rooms.

Planting and graphics are used as visual accent around the floor plates.

The general style is one of loose-fit, low density space planning encouraging an organic circulation pattern and operational interaction.



The University of York

Austin recently completed the design and construction of a new prestigious Chemistry Research Laboratory for the university, achieving a BREEAM 'Very Good' rating.

Austin worked closely with the university to develop their user requirements ensuring that the new 2,685m² chemistry research facility could provide new state of the art laboratories, which form part of a major £29 million redevelopment of the Department of Chemistry.

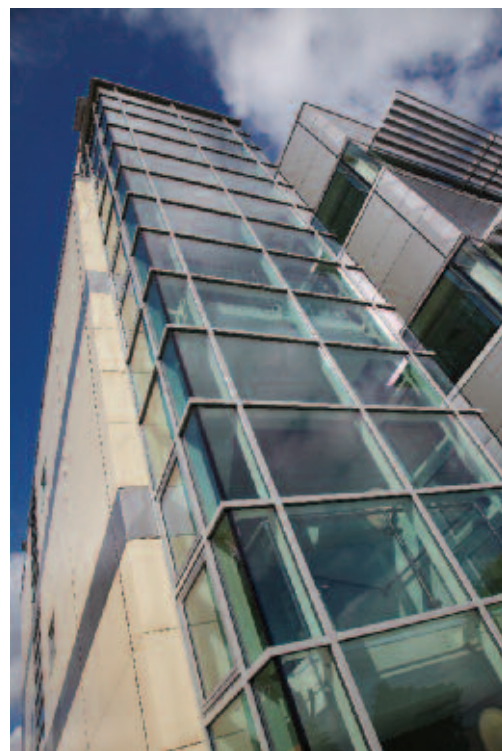
The design is based on providing three floors of laboratories and office space with a centralised roof top plant room. The new accommodation provides facilities for over 100 researchers and links through to an existing chemistry building at each floor level.

Perimeter offices, write-up areas and break-out spaces are positioned around central laboratories on each floor.

The design provides large open plan laboratory areas, with views to outside through the write-up areas. The main laboratory features exposed ceiling voids, the design of which allows improved integration of high level services, simplified maintenance access and gives a modern, contemporary "feel" to the laboratory spaces.

All mechanical and electrical systems were designed to ensure the efficiency of the building could support the BREEAM rating. 73 fume cupboards are served by a central VAV ventilation system and incorporate heat recovery to enhance energy savings. The lighting controls within the laboratories incorporate presence detection and staged dimming with daylight sensors to regulate the perimeter lighting. In the main laboratory area, high level services are exposed.

Austin provided a collaborative design, procurement, construction and management approach to respond to this demanding programme with an incentivised target cost principle. The project was delivered to excellent quality standards and overall cost parameters.



By placing energy savings at the forefront of the building design, Austin is pleased to confirm that a BREEAM 'Very Good' rating was achieved



Imperial College London

Programme for upgrading major research facilities

Following the successful completion of a concept design study into the upgrading and refurbishment of an existing old research facility which included architectural layouts, mechanical and electrical building services

and structure, Austin was commissioned to carry out further design work on the building but also now incorporating a separate study of a similar but more modern facility on the main South Kensington Campus.

The two research facilities provide a major resource for the Faculty of Medicine and are seen as key assets to the on-going and expanding research work carried out by the university.

The University of York

Austin recently completed the design and construction of a new prestigious Chemistry Research Laboratory for the university, achieving a BREEAM 'Very Good' rating.

Austin worked closely with the university to develop their user requirements ensuring that the new 2,685m² chemistry research facility could provide new state of the art laboratories, which form part of a major £29 million redevelopment of the Department of Chemistry.

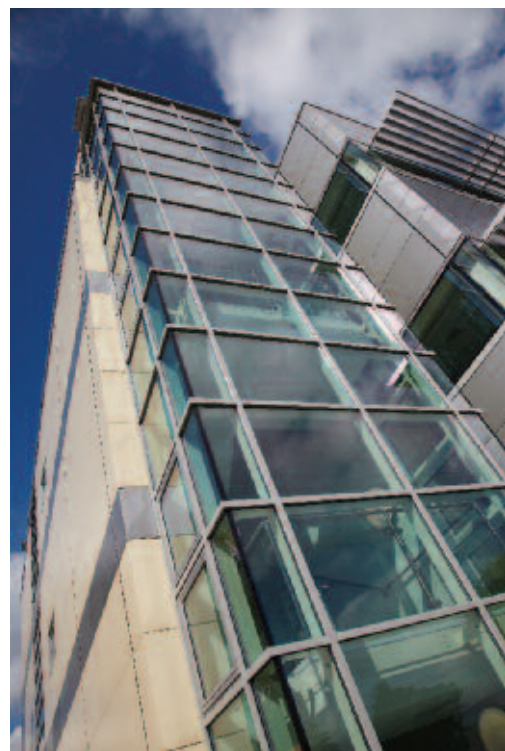
The design is based on providing three floors of laboratories and office space with a centralised roof top plant room. The new accommodation provides facilities for over 100 researchers and links through to an existing chemistry building at each floor level.

Perimeter offices, write-up areas and break-out spaces are positioned around central laboratories on each floor.

The design provides large open plan laboratory areas, with views to outside through the write-up areas. The main laboratory features exposed ceiling voids, the design of which allows improved integration of high level services, simplified maintenance access and gives a modern, contemporary "feel" to the laboratory spaces.

All mechanical and electrical systems were designed to ensure the efficiency of the building could support the BREEAM rating. 73 fume cupboards are served by a central VAV ventilation system and incorporate heat recovery to enhance energy savings. The lighting controls within the laboratories incorporate presence detection and staged dimming with daylight sensors to regulate the perimeter lighting. In the main laboratory area, high level services are exposed.

Austin provided a collaborative design, procurement, construction and management approach to respond to this demanding programme with an incentivised target cost principle. The project was delivered to excellent quality standards and overall cost parameters.



By placing energy savings at the forefront of the building design, Austin is pleased to confirm that a BREEAM 'Very Good' rating was achieved



Imperial College London

Programme for upgrading major research facilities

Following the successful completion of a concept design study into the upgrading and refurbishment of an existing old research facility which included architectural layouts, mechanical and electrical building services

and structure, Austin was commissioned to carry out further design work on the building but also now incorporating a separate study of a similar but more modern facility on the main South Kensington Campus.

The two research facilities provide a major resource for the Faculty of Medicine and are seen as key assets to the on-going and expanding research work carried out by the university.

Cadbury/Kraft

Innovation kitchen, offices and GMP super-module, Bournville



Austin is pleased to have been given the opportunity to serve Cadbury/Kraft again with the design, engineering and construction of an "innovation kitchen", GMP areas, office fit-out and changing rooms.

The kitchen is a high profile space where VIP industry peers and public consultation can take place in a flexible multi-use space.

Strong branding has been used in the design throughout the project to support the Cadbury/Kraft image which creates exciting elements in both the innovation



kitchen and the office.

All the required work took place to a planned implementation schedule on an existing fifth floor, linked across a number of buildings at the Bournville site, whilst maintaining on-going operations.



Medical Research Council

Mary Lyon is getting a face-lift.

The Medical Research Council (MRC) appointed Austin to undertake an option study to look at the potential for expanding the world renowned Mary Lyons Centre (MLC) on their Harwell Campus in Oxfordshire. The study, reviewed alternatives; refurbishment, extension and new build options, to ascertain the most appropriate way of accommodating the much needed additional research facilities with support laboratories and ancillary facilities.

Following the successful completion of the option study, the Austin Company was further commissioned to undertake a RIBA Stage C report to develop the preferred option. This solution proposed an extension to the existing MLC, which provided additional accommodation, as well as incorporating measures to provide flexible facilities for the future. The new extension, with

a footprint area of 2,750m², is designed to incorporate flexible laboratories which function under both positive and negative pressure to suit specific research programmes. The design also incorporated state of the art energy saving systems aimed at reducing running and maintenance costs during the life span of the new facility.

2 Sisters Food Group

Quality Assurance with Austin

Austin has been commissioned to undertake the design and construction associated with the internal fit-out of a new QA Microbiology facility for 2 Sisters Food Group at their Technical Services site located at BioCity, Nottingham.

The new first floor facility, with a gross area of 650m², incorporates a number of "walk-in" temperature controlled rooms (both warm and cold), a Containment Level 2 Microbiology Laboratory, General Laboratory, Media Preparation Laboratory, Autoclave Room and associated support accommodation.

Due to the nature of the existing building, and to facilitate the incorporation of the new autoclaves, the initial stage of the fit-out works involves the strengthening and "making good" of the existing floor slab. In addition, new drainage will be incorporated within the floor slab, making use of wherever possible, existing horizontal service voids.

The overall site is compact and the site works will be planned around the requirement to reduce as much as possible disruption to other users of the building, who occupy floors both below and above the area of the works.

The overall design and implementation programme has been developed to work within very challenging budget constraints and timescales. Austin commenced design end July 2012 and the project is due for completion early 2013.

Charity Fund Raising

Austin and Cancer Research UK.



During the past years Austin has been proactive in managing a charity fund raising scheme which is for the benefit of Cancer Research UK.

Austin is committed to match any contribution volunteered by its subcontractors or suppliers.

This matched funding appeal has raised in excess of £6,000 for this vital charity. We are optimistic that the amount will continue to grow in the future and we sincerely thank all our supply chain for their generosity.



BIM Investment

Keeping ahead of the game.

The Austin Company is implementing BIM (Building Information Modelling) across the work of its design disciplines. As a multi-disciplinary design, manage and construction company, using BIM to develop a single data rich 3D model suits our long established integrated way of working. It will allow us to deliver projects more efficiently for our clients.

One more year to our DIAMOND JUBILEE

All of us at Austin are looking forward to celebrating our 75th year of operation in the UK.

We were incorporated in 1938 by our then US parent company in response to a request by Smiths Delivery Vehicles to design and build a new distribution centre in the North East of England.

The Second World War interrupted the immediate growth of the company but it has since developed into a major supplier of complex industrial and commercial buildings.

In 2006 the company was the subject of a management buyout, thus breaking with its US parentage. It has since continued to build on its expertise to provide design, manage and construction services to the highest standards.



The Austin Company

Cardinal Point, Park Road, Rickmansworth, Herts, WD3 1RE

Tel: 01923 432 658 Fax: 01923 432 795

enquiries@austin.co.uk

www.austin.co.uk

■ Architecture ■ Mechanical ■ Electrical ■ Structural
■ Public Health ■ Construction ■ Management