

**B****E****S**

## CASE STUDY NO 59

### Biotech Production Facility

- Full Turnkey Delivery
- Concept Design to Construction
- Innovative Partitioning Solution
- Project Value: £ 2m
- Fully Validated
- Operational Facility

Working for a leading Biopharmaceutical CDMO we successfully completed the remodeling of an existing space into a classified ISO7 & ISO8 production facility on time and below budget.

BES provided a full turnkey service from concept through to detailed design and construction including improvements to people and material flows. Construction consisted of a strip out and demolition, building new cleanrooms, HVAC and electrical services, commissioning and validation. Our turnkey service was also evident in our health & safety responsibilities whereby we fulfilled the roles of Principal Designer and Principal Contractor.

Our dedicated project team worked closely with engineering and user teams to carefully plan and coordinate all of our works to ensure minimal disruption to ongoing site operations. Construction work was carried out on a fast track basis and our record of zero accidents is testament to our safety culture and professionalism.

As a CDMO (Contract Development & Manufacturing Organisation) our client needed a flexible design solution to allow the space to be reconfigured quickly to suit potential changing needs in this fast moving highly regulated industry. Our in-house design team utilised the latest 3D software to model the whole facility, enabling our client to fully visualize the cleanrooms spaces and to gain a full perspective on finishes and location of services.

The cleanroom was constructed using a fully demountable partitioning system to enable flush fitting and integration of services. A steel mezzanine was formed to create plant space. Our scope of work also included the offloading and final positioning of all process equipment together with the associated hook ups.



**Boulting Environmental Services Ltd**

**Exceeding Expectations**

Maple House, Sandbrook Business Park, OL11 1LQ Rochdale

**T:** +44 (0)161 655 3344 **F:** +44 (0)161 655 3399 **W:** [www.besltd.org](http://www.besltd.org)

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