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## CASE STUDY NO 61 Sterile Production Facility

- Sophisticated sterile environments
- Full Turnkey Design & Build
- Extensive Grade A Laminar Flow
- Highest quality finishes throughout
- Project Value: £30,000,000

Following successful completion of the detailed design, we now completed the construction and commissioning of this flagship sterile facility, built to exacting standards, including full integration of state of the art process equipment.



BES have carried out the design, internal fit out and commissioning of a new £120m sterile production facility in partnership with AstraZeneca, all within a demanding construction and commissioning schedule of 18 months.

Further challenges included early completion of sterile areas and equipment utilities to allow testing and experimentation to take place while construction continued throughout the remainder of the suite – the first time such tests have been carried out on the site at such an early stage of construction.



With a scope of work encompassing Architectural, HVAC, Electrical and Process Utilities together with extensive validation support across a range of highly qualified inventories, BES have delivered an outstanding project, ahead of schedule and within budget.

The facility is supported by complex services installations which include extensive laminar airflow systems, automatic room air pressure control throughout, Sterile Compressed Air and Nitrogen services, innovative combined WFI and Pure Steam generation systems and a new 11kVA sub-station. Pre-fabrication has been maximized ensuring the highest quality installations have been achieved using the safest methodologies.



Working in partnership with our Client, we have achieved the highest levels of Customer Satisfaction and produced a facility with which the entire Project Team can be justly proud.

AstraZeneca is a global, innovation-driven biopharmaceutical business with a primary focus on the discovery, development and commercialisation of prescription medicines for gastrointestinal, cardiovascular, neuroscience, respiratory and inflammation, oncology and infectious disease. AstraZeneca operates in over 100 countries and its innovative medicines are used by millions of patients worldwide. For more information please visit: [www.astrazeneca.com](http://www.astrazeneca.com)

