

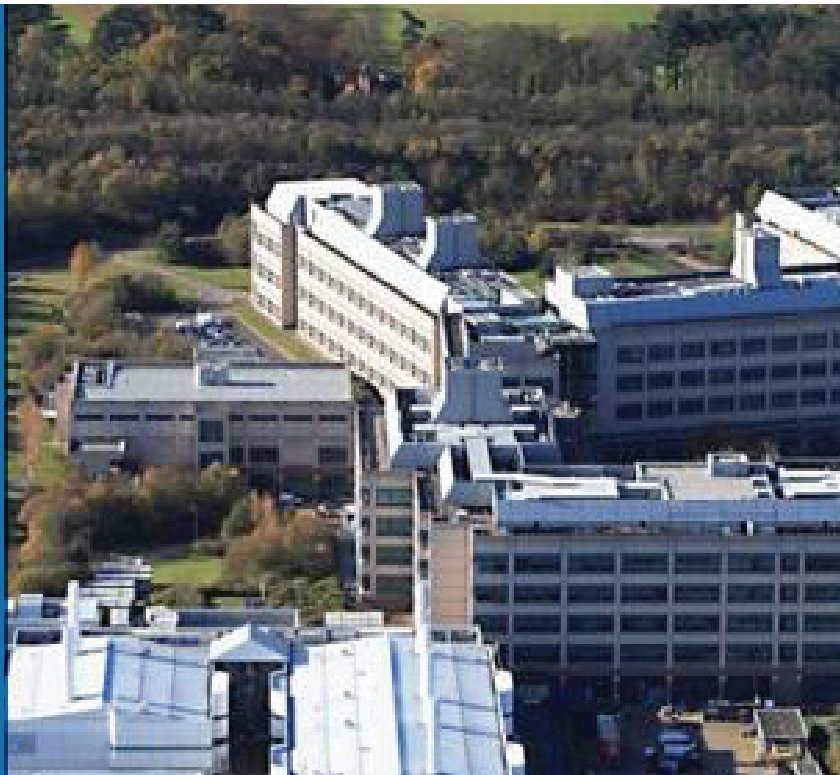
PROJECT PROFILE

CLIENT
GLAXOSMITHKLINE

LOCATION
STEVENAGE, HERFORDSHIRE

SECTOR
PHARMACEUTICAL

PROJECT
CHILLER & PUMP UPGRADE SCHEME



OVERVIEW

The client requested the replacement of two air cooled, packaged, reciprocating chillers, operating with R22; together with the associated primary and secondary chilled water pumping equipment that serves a critical chemistry Laboratory. They specified that the new chiller plant should use 'turbocor' technology and the brief required that there be no loss of chilled water at any time.

To ensure no loss of chilled water, the works were sequenced with a five phase approach. Phase 1, consisted of enabling works to the chilled water distribution system and LV switchgear. The sequence then concentrated on replacing the primary and secondary chilled water pumps across the next two phases. Once all the enabling works and pump replacement works were complete, the two new 'turbocor' technology chillers were installed in Phases 4 and 5. Between all phases there were proving periods, scheduled to ensure all new equipment was operating correctly and to the design parameters and specification required. Off-site engineering prefabrication work was implemented for the chilled water pipework, thus limiting onsite welding and fabrication time and hence limiting 'risk' to the client on their site.

The project was delivered on time, within budget and to the high standards of quality to meet the client requirement.

Success with this project enhanced the JCA reputation which has created the opportunity for subsequent projects at GSK .