

Quantum Business Park - Industrial Development, Ipswich, Suffolk

CASE STUDY



Quantum Business Park

OVERVIEW

Quantum Business Park which is just 2.5 miles north west of Ipswich town centre on White House Road has been under development since 2007.

Development stopped after the financial crash in 2008. Economic conditions were now right to complete the final phase. Artisan (UK) Developments who have owned the site from the start approached Stomrport for a proposal for electricity connections for this final phase.

CHALLENGE

The development comprised of five units with power requirements ranging from 69kVA to 175kVA. Total site demand was 488kVA. The site was arranged as two contiguous steel framed buildings separated by car parking areas and access road. A potential substation site had been identified and allowed for in the planning application.



THE SOLUTION



Ipsium design consisted of a new, on site, 500kVA package substation with an 11kV Lucy RMU and a 4-way LV take off cabinet.



The high voltage point of connection was just off site, in White House Road. We couldn't offer separate CNE earthed services in multi-occupied steel framed building so 4-core low voltage mains and service cables were specified so SNE earthing could be offered.

RESULTS

Following detail design completion, a programme of works was agreed with Artisan Developments. Stormport installed the substation equipment and supplied and fixed the GRP enclosure. High and low voltage cables were installed to the units and to the high voltage point of connection. Stormport engineers switched out the high voltage network and made the final HV connection under our Self Connect accreditation.



CLIENT'S STATEMENT

Ipsium Utilities provided us a complete, no hassle, full turnkey electrical connection service. They kept us informed at all stages and delivered on time. I wouldn't hesitate to use them again.

David Railton
Construction Director



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