

Project: Manor Hospital, Walsall

Client: Skanska UK



Background

The £174 million redevelopment of Walsall's Manor Hospital will see outdated buildings replaced with state-of-the-art facilities that will benefit patients and staff with the majority of clinical services located under one roof. The project incorporates the renewal of the existing hospital buildings as well as the development of new build facilities. The new Manor Hospital will be built in phases so that the hospital remains fully operational with as little site disruption as possible.

The redevelopment began in 2008 and all new accommodation is set to be complete in the autumn of 2010, with full completion of the development by the summer of 2011.

The challenges

The major challenge of this project is to deliver a major redevelopment of an operational hospital, without detrimental impact on existing hospital services or the local community.

Specifically for WysePower this required us to facilitate the removal of one of the existing hospital's energy centres, which

sat in the middle of the new construction footprint, whilst providing a robust uninterrupted HV/LV electrical supply for the live hospital, including the maternity wards & operating theatres.

Specific WyseGroup solutions provided

WysePower was chosen as the temporary electrical supply partner by Skanska for this important and complex project.

Specifically this involved the provision of both hospital and construction electrical supplies, including a temporary hospital energy centre complete with HV substations, standby generators and fully automated control panels. In addition we have devised a comprehensive site electrical and lighting scheme which will be delivered throughout the construction phases.

The temporary electrical installation has been designed and installed to satisfy the evolving manner of site, throughout the transition from concrete frame to fully fitted out hospital facility, whilst not losing sight of the need to provide an energy efficient and cost effective installation.

Results / Successes

Considerate Contractor
Gold Award

Skanska UK – EHS & Caring
Award 2008

WysePower has managed to stay ahead of program and fulfil the site requirements, despite an accelerated program within areas of the build by the main contractor.

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