

Healthcare Case Study – Redevelopment of Manor Hospital, Walsall



Introduction

In November 2006 Adept were approached by Skanska to provide design management on their bid with Innisfree for the design and construction of the new Manor Hospital in Walsall, to be delivered as a PFI project.

Project value was £170M providing a phased replacement of the existing hospital.

The Brief

The brief was to carry out all the necessary design planning and provide the following to Skanska:-

- Analysis of key design decisions required to reduce time and cost.
- Integrated Design Programme (IDP) agreed by all consultants.
- Appraisal of critical path items.
- Produce a suite of progress monitoring tools.

In order to deliver this brief the ADePT ¹Methodology was used as follows:-

- Detailed engagement with the whole design team through a Design Planning Workshop.
- Rapid production of draft IDP for review by all consultants.
- Produce final IDP to incorporate comments.
- Produce schedule of early design decisions required to enable progress.
- Obtain agreement and sign off of IDP from all parties.

Project Execution

The resulting IDP was utilised by Skanska to inform key decisions relating to project delivery, in particular package procurement dates and lead times for main structural, M&E and fit-out items.

Adept provided regular updates of the design and procurement programmes, producing and using a range of weekly and monthly reporting tools including dashboards and S curves for monitoring drawing production against the target programme. These enabled rapid production of accurate monthly progress reports

The IDP also enabled full analysis of a variety of procurement options which linked the Value Engineering directly to the Design and Procurement planning.

As a result of our work on this project the Skanska Design Director noted that “As a management operation we get to clearly see how our design team is performing against our integrated project programme and what issues are preventing them from delivering.” He noted also that “The technique is powerful in improving the designer’s ability to deliver to the programme and in their performance in general....”.

¹ ADePT is a registered Trademark of Adept Management and is supported by the following technologies: ADePT Design Builder and ADePT Design Manager.

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