

Wilmcote House

Portsmouth City Council

Services: Project Management, Quantity Surveying and CDM co-ordination
Contract Value: £13M

Project Overview

Keegans are appointed to provide Project Management, Quantity Surveying and CDM Co-ordination services alongside our sister company ECD Architects whom are the lead designers on the refurbishment works for Wilmcot House.

Once complete, Wilmcote House will be the first large scale project reaching the EnerPHit standard (retrofit equivalent of Passivhaus).

Wilmcote House was constructed in 1968 and is an 11 storey large panel 'Bison' REEMA variant. A number of major elements of the building are coming to the end of their serviceable life with the result that the building now requires major refurbishment.

It was decided to retrofit and refurbish Wilmcote House to extend its life for a minimum of a further 30 years providing a sustainable approach for the estate's regeneration, significantly reduce heat loss/energy use and fuel poverty for residents as well as contributing to the Somerstown area-wide regeneration.

This project started as a simple overcladding project with a £3m budget. We advised the client from inception that the budget was not enough for an overcladding project of this size. Following extensive consultation we then worked closely with the client to redefine the brief by advising that whilst overcladding,

would also be worth carrying out the list of works below. We then provided them with information of potential funding available if they were able to go that one step further and make it an EnerPHit project.

Works included:

- Structural remediation of external structure
- Installation of insulation to external walls
- Replacement of glazing
- Flat roof conversion with upgrading existing levels of roof insulation
- Provision of a new heating system
- Decoration of external concrete areas not to be overclad or rendered
- Installation of fire rated composite entrance doors to properties

Attracting ECO funding, the project has been designed to meet the stringent EnerPHit standard, the retrofit equivalent to Passivhaus. Achievement of this standard will reduce annual heating and hot water costs by 90%, saving around £750 per dwelling per annum in energy bills.

As part of this project we will be refurbishing the community centre including overcladding, reconfiguring, new insulation and roof to ensure it becomes a valuable asset for the community to use.

As quantity surveyors we have



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provided cost plans through out the design stages and worked with client and architects to gain additional funding via EnerPHit.

We worked closely with the client to produce the tender documents including Bills of Quantities and the pricing document. It was tendered via OJEU 2 stage procurement.

Now on site, as quantity surveyors we carry out regular valuations and cost reports and review any variations submitted by the contractor against what has been carried out on site and adjust accordingly. This process is carried out monthly and reported back to the client.

In addition to the above we also submit variation claims, negotiate and use KPI's to agree on variations. This is an ongoing process throughout the project and will ultimately result in the final account.

We provide the client with monthly cost reports with measurements against the contract sum advising the client if the project was on budget

and any predicted overspend as well as assist in any extension of time claims from a financial point of view.