

Press Release

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FOR IMMEDIATE RELEASE
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Daisy Appeal Castle Hill Hospital Cottingham, Hull

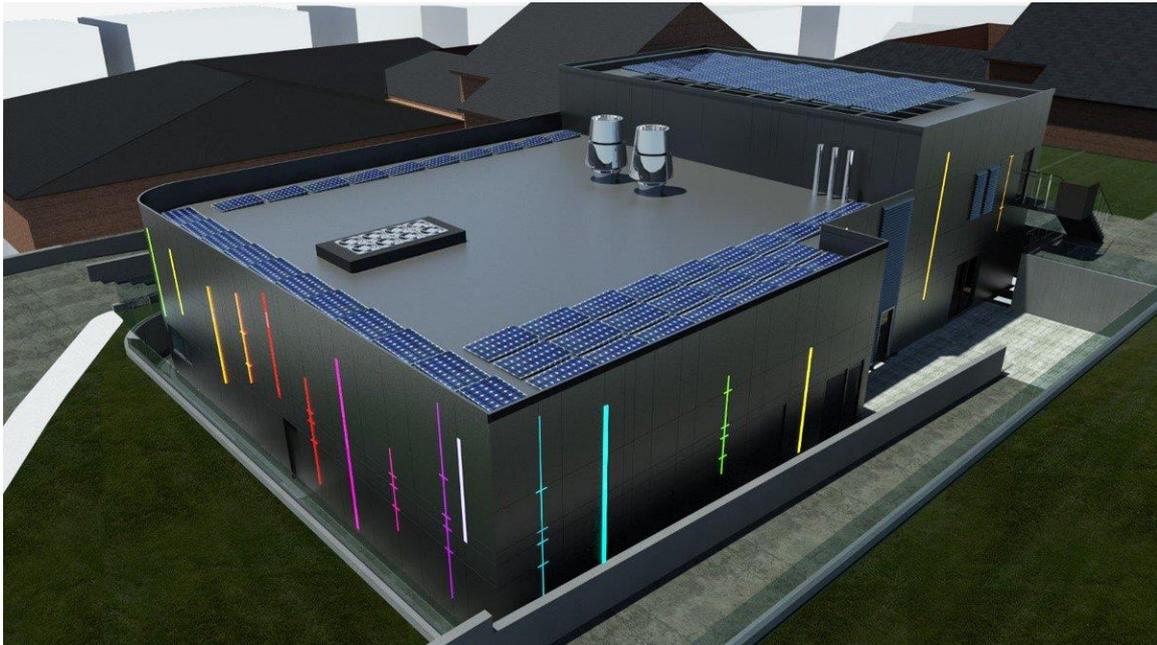


Figure 1. Artist's impression of the Molecular Imaging Research Centre

Alliance has received the contract for the mechanical & electrical building services to the Molecular Imaging Research Centre at Castle Hill Hospital which will provide world class facilities for patient care and diagnosis for cancer, heart disease and dementia. The Construction phase will begin in April 2019.

The project is a partnership between the [Daisy Appeal](#), the University of Hull and the local NHS, to translate scientific and medical research advances into clinical use. It is both a highly prestigious and deeply emotive project for Alliance which has been involved in a consultative basis since 2016 working with the client and GE Healthcare who's [GENtrace 600 cyclotron](#) will be housed in the new facility. The cyclotron alongside other equipment create the 'customised radiotracers' needed to detect the early signs of cancer, cardiovascular disease and dementia.

The services include designing cleanrooms to Grade B and a minimum of 30 air changes with air quality filtration rate of 0.001% using HEPA H14 air terminals. Two Air Handling Units, one for the Cyclotron facility and another supplying the Radio Pharmacy side, will have run & standby fans and run-around coils to ensure no cross contamination. The facility will also have run and standby R32 chillers for 24/7 operation. The 630-amp incoming mains will extend some 260m across site and have auto-changeover with the generator back-up.

Alliance (Alliance Technical Building Services Ltd) is a Midlands based Building Services contractor offering Mechanical & Electrical consultancy & design services, installation and aftercare on commercial, retail, health, and accommodation projects throughout the UK.

