Avanto MRI

Healthcare / Refurbishment

Key Features:

- Replacement of existing MRI Scanner with new
- Refurbishment of MRI, control and tech rooms
- Works within a Hospital setting during COVID-19

Engaged by the Trust to spearhead this complex project despite the market challenges brought about by the COVID-19 pandemic, we successfully delivered the replacement of the MRI Scanner and refurbishment of associated areas within the Avanto suite.

Our robust coordination of a challenging scope of works involved:

- Refurbishment and re-commissioning of the existing air handling unit.
- Fitting and commissioning of an emergency extract ventilation system.
- Decommissioning and strip out of the existing fan coil units.
- Supply, installation and commissioning of new fan coil units.
- Distribution of ductwork serving the MRI treatment and control rooms.
- Modifications to the existing ducting to suit the new services.
- Overhaul of the existing humidifier serving the MRI treatment room.
- Modifications to the electrical installation.
- Provision of new cooling water pipe-work circuit and a standby secondary CHW pump set serving the MRI machine.
- Installation, testing and commissioning of the services to the new MRI.
- Replacement of the lighting, small power and ancillary system installation.

Coordination over Specialists

Early engagement with the Trust, our M&E subcontractors and the MRI suppliers was critical to this project. This included pre-commencement workshops, clear agreement of programme critical path milestones and continuing collaboration in the construction stage. As a result, we were able to seamlessly enable the removal of the existing MRI scanner and the delivery, installation and commissioning of the new machine by Siemens.

Works within a Frontline Environment during COVID-19

As a result of the occupied COVID-19 wards, strict infection controls were in place throughout the entire project lifecycle. These were reviewed regularly to ensure compliance with the standards of the Trust and the Government.

Client:	The Royal Marsden NHS Foundation
Project Value:	£600,000
Programme Duration:	23 weeks
Architect:	AHP Architects
Quantity Surveyor:	Gleeds