

PLANT ROOM RLBUH

- Project Value: £516,000
- Project Type: Plant Room Construction
- Project Aim: New Plant Room Install
- Project Completion: February 2017

PLANT ROOM RLBUH

IED were employed by Crown House Technologies to carry out the full electrical installation to the NW area of the 3rd floor plant at the new Royal Liverpool Hospital site.

As part of the works IED ensured a full management team was based on site for the duration of the works, as the programme and client demands were challenging.

IED's daily works would be to attend collaboration meetings, design team meetings, programme and progress meeting and labour resource meetings.

Works included but were not limited to the following:

- ❑ Review of all CHt design and IED adaptation of design
- ❑ Installation of all containment systems and bracket works
- ❑ Installation of small power and lighting wiring
- ❑ Installation of dali lighting system wiring
- ❑ Installation of free issue switchgear and distribution boards
- ❑ Installation of free issue lighting
- ❑ Full testing, inspection and commissioning of services



The Royal Liverpool and
Broadgreen University Hospitals
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SUB STATION 7 RLBUH

- Project Value: £421,000
- Project Type: Building Relocation
- Project Aim: Relocation of Plant Room
- Project Completion: November 2016

SUB STATION 7 RLBUH

IED were employed to carry out the full design, installation, test and commissioning of a new bespoke substation at the existing Royal Liverpool Hospital site. Carillion FM were our client on site and tasked us with carrying out the full enabling works to ground conditions, electrical route surveys, civil works footprint surveys and general design information in regards to a installation.

The new substation was being built to replace an existing substation, that was to be demolished as part of the new Royal Liverpool Hospital works. The aim of the project was to have both substations up and running, before a phased handover of supplies was carried out onto the new substation, then the eventual decommission and removal of the existing substation would be completed.

Works included but were not limited to the following:

- ❑ Full design of all construction and electrical installation
- ❑ Civil works to ground to allow asbestos removal
- ❑ Installation of new reinforced concrete base to house LV and HV switchgear
- ❑ Installation of new GRP housing for LV substation
- ❑ Installation of new containment on roof space of the Royal Liverpool Hospital
- ❑ Installation of new HV cabling for site HV ring main
- ❑ Installation of new LV cabling to feed existing supplies
- ❑ Installation and commissioning of HV switchgear
- ❑ Installation and commissioning of LV switchgear



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