



NHS – Installation of Road Barrier Woodland House, Maes y Coed Road, Cardiff

Contract Value: £21,000

Contract Period: Feb 2020

Our Industry Success

Highland Services has established an exceptional reputation in the provision of Electrical, Mechanical and Building services, and have gained considerable experience operating in an NHS environment over the years, as we continually strive for service excellence.

Highland have recognised that to be successful we must deliver all our projects to the same high standards that are required in an NHS environment. As such we implement best practice when managing all aspects of our service to the public and staff in both sensitive and controlled environments, on all the many successful projects we deliver.

Scope of the Contract

Electrical Installation of Road Barrier following NHS purchase of the Woodland House Site

Services Delivered

- Providing electrical feed
- Installation of 3no. new FAAC B680H vehicle barriers c/w lighting kits
- Installation of new Pedestals and receiver plates for barrier arms for the installation of TDSI Readers
- Installation of 5no. Induction loops and 3no. safety loops and beams
- Installation of vandal proof HD Colour video entry system
- Installation of manual override switches for barriers

Contract Management

A Contract Manager was assigned to the contract to ensure full co-operation and collaboration between ourselves, the Assistant Project Engineer and Cardiff and Vale University Health. The Contract Manager:

- Acted as a single point of contact for consistency
- Monitored performance
- Provide regular updates regarding project progress
- Monitor contract specific risks
- Manage all delivery team tasks and projects

Resources

Our team of experienced qualified Engineers enabled Highland to deliver the full electrical installation of the barrier

The Engineers were fully briefed on the requirements of the contract, and site-specific inductions and safety talks were conducted prior to any works commencing.

Risk Assessments & Method Statements were compiled for this project and all teams followed the safe systems of work. All our skilled electrical engineers had the following electrical qualifications:

- C&G Level 3
- NVQ Level 3/AM 2
- BS 7671 Regs
- Testing & Inspecting
- Design & Verification
- CSCS/ECS Health & Safety Card



Risks / Key Challenges

Challenges	Mitigation
<p>Diversion/isolation/termination of building services causing possible delays and increased cost.</p> <p>Disruption to the environment and working around the public and staff in controlled environments.</p>	<p>Highland established collaborative relationships were in place and followed the principles of ISO44001 so that all stakeholders / contractors were always well informed and that all planned / unplanned activities were managed.</p> <p>All staff were fully briefed via toolbox talks and aware of their safeguarding responsibilities. Clear signage and instructions were always provided and regularly updated.</p>
<p>Traffic / Access Management</p>	<ul style="list-style-type: none"> • Toolbox talks to brief all stakeholders • Suppliers / Materials / Deliveries – Collaboration with all parties to manage deliveries and project delivery.