

Technical Height Services

A division of *Charlestown Ltd*

Corries Legal Practice – Optical Fibre Interconnect

Technical Height Services a division of **Charlestown Ltd** recently provided an optical fibre interconnect to Corries Legal Practice in York. Having outgrown their existing office complex, Corries had acquired a property to locate a number of their support staff and had a requirement for these staff to use existing IT systems.

Employing specialist rope access techniques a core skill of the Technical Height Services division of Charlestown. The three-man team installed a eight-core fibre cable from the fifth floor of the refurbished Rowntrees Mill building to an annex four hundred metres along the opposing river bank, crossing on the underside of a 20 metre footbridge.

This procedure involved abseiling down the outside of the five-storey building, as access for a hydraulic platform was restricted. Specialist rope access techniques were employed to allow the optical fibre to be suspended on the underside of the river footbridge and

Richard Lofthouse, Consultant Engineer for Charlestown Ltd said: “as one company we were in a position to offer a full turnkey service, taking the clients requirements for a robust and costs effective communication interconnect and delivering a quality service in an environment that presented a number of cabling challenges”

The fibre was terminated within Corries equipment racks at both ends and commissioned by Charlestown’s specialist team allowing Corries own IT staff to focus on the installation the server hardware.

The dark fibre will deliver cost savings in excess of £10K per annum to the legal practice.

Yorkshire Electricity Distribution LTD (YEDL) and Northern Electricity Distribution LTD (NEDL) - SDH Backbone Penshaw to Leeds

In March 2002 Technical Height Services were awarded a contact from NEDL and YEDL to provide all the feeder and antenna installations at six sites throughout Yorkshire and the North East to support a £400K SDH backbone project.

The installations were carried out by one of Technical Height Services installation teams, working closely with the commissioning teams from YEDL and NEDL. Technical Height Services provided and full design, procurement, installation and testing service for the antenna and feeder systems.

Technical Height Services also provided a steelwork design and fabrication service. By drawing on the wealth of experience from within the team, a number of innovative mounts were designed and fabricated to accommodate the antenna installations at the various sites.

All waveguide, feeders and antennas were installed in accordance with Andrews's guidelines. Technical Height Service recognise the importance of investing in training and all staff have attended the Andrew Heliac University. To maintain standards and safety all competency levels are constantly monitored internally.

Northern Electricity Distribution LTD (NEDL) – Osmotherley radio mast recovery,

Technical Height Services recently completed a project to recover a radio mast at an NEDL site on the North Yorkshire Moors.

NEDL came to Technical Height Services as a specialist company to advise them on recovering a radio mast from an existing site. The radio mast was adjacent to other radio mast installations and access for any form of hydraulic lifting apparatus was difficult.

Standard methods and procedures for recovering the radio mast were considered either health and safety or operational risks and NEDL asked Technical Height Services to design a safe procedure for recovering the mast.

Technical Height Services developed a method statement and produced detailed risk assessments for the procedure, a standard feature of any piece of work carried out by the company. All THS staff are training in performing on-site risk assessments.

The tower was dismantled in sections and removed in a safe and professional manner, whilst ensuring operational impact to adjacent service and environmental impact were minimised.

(More information: www.charles-town.co.uk)