

CONSULTANT & CONTRACTOR MINIMUM REQUIREMENT GUIDELINES

Data Communications Cabling Requirements

CONTRACTOR SELECTION CRITERIA

Contractors must demonstrate the following:

- work will be undertaken by a Registered Telecommunications Cabler
 - Open Registration with relevant endorsements, such as:
 - Structured (data cable Cat 5/5e/6 etc.) (S)
 - Optical fibre cable (OF)
 - Coaxial cable (C)
 - Metallic Testing (MT)
 - Fibre Testing (FT)
 - Underground (U)
 - Aerial (A)
- ability to provide a full Class EA test together with a DC resistance test for Power-over-Ethernet requirements with a level IV tester
- provision of fibre equipment with up-to-date calibration certification for Fusion Splicer, Optical Time Domain Reflectometer (OTDR) and Light Source and Power Meter (LSPM) testing that aligns with national and international standards, Curtin University's Data Communications Cabling Requirements and best industry practice
- evidence of Company and Technician Cable Vendor Endorsements and evidence of a previously applied installation warranty vendor certification to align with Curtin endorsed vendors

CONSULTANT SELECTION CRITERIA

ICT infrastructure system design shall be carried out by ICT specialists with the following relevant qualifications, credentials and experience levels.

Consultants must demonstrate the following:

- experience (minimum of 5 years) in the design and implementation of ICT cabling infrastructure systems
- an understanding of the ACMA regulatory requirements and Australian / international performance standards
- capability to apply the Curtin Data Cabling Guidelines and Australian performance and regulatory requirements in the course of designing a fully compliant telecommunications infrastructure system

Curtin University recognises the following industry credentials for ICT design expertise.

Alternative credentials may be considered; however the applicant must demonstrate they are equivalent standards to those listed.

1. The BICSI Registered Communications Distribution Designer (RCDD) credential
2. An engineer possessing an IEng in telecommunications from the IET is also recognised as being knowledgeable and skilful in ICT infrastructure design.

Note: IEng engineers accredited in engineering disciplines other than telecommunications will NOT be considered sufficiently skilful to carry out the ICT designs.