



Australian Government

Assessment Requirements for ICTTEN429 Estimate and quote for carrier telecommunications equipment installations

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 2.0.

Performance Evidence

Evidence of ability to:

- prepare detailed estimates
- update schematic drawings and specifications for telecommunications equipment installations including:
 - materials
 - labour costs
- negotiate material availability and pricing for carrier equipment and network installations with contractors
- document detailed quotes for installations that allow for changes and variations
- prepare and confirm quote and financial arrangements with carrier.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- compare and contrast features of carrier telecommunications equipment
- identify and summarise application of legislation, codes of practice and other formal agreements that impact the work activity
- analyse and document the manufacturer's requirements for safe operation of equipment
- describe processes and techniques required to prepare plans, estimate and quote for installations
- identify and apply specific work health and safety (WHS) requirements relating to design and site conditions
- identify and remedy typical issues and challenges of dealing with carriers
- explore allocations to be included in the design specifications and quotation
- determine common contingencies to consider in a specification or quotation.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances should be typical of those experienced in the telecommunications networks engineering field of work and include access to:

- special purpose tools, equipment and materials
- sites on which estimates and quotes may be conducted
- relevant databases and licensing requirements
- site-related documentation.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>