



Australian Government

Assessment Requirements for CPCCCM3005 Calculate costs of construction work

Release: 1

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Modification History

Release 1.

This version first released with CPC Construction, Plumbing and Services Training Package Version 2.

Revised unit of competency. Replaces superseded equivalent unit CPCCCM2003B Calculate and cost construction work

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. The person must also cost three different construction jobs, where the costing includes:

- estimating quantities of material required
- determining the types and amount of labour required to complete the work
- estimating time required to complete the work
- estimating overheads associated with the work
- totalling all costs and applying profit margin to establish a client quote.

In doing the above work, the person must:

- locate, interpret and apply information, standards and specifications relevant to estimating and costing work
- calculate final cost for the work and prepare a written quotation for each of the work requirements.

Knowledge Evidence

A person demonstrating competency in this unit must demonstrate knowledge of:

- accuracy and detail required in costing estimates for construction work
- construction terminology used in plans and specifications for construction work
- contents and impact of job safety analyses (JSA) and safe work method statements (SWMS) on costing construction work
- environmental and sustainability requirements relevant to the costing being determined
- procedures for applying the Goods and Services Tax (GST) to costings
- procedures for determining wages and overhead costs relevant to a quotation for construction work
- international system of units (SI) of measurements relevant to the construction industry
- process of estimating and costing construction work

- quality requirements of construction projects and their impact on time required for completion
- relevant statutory and authority requirements related to estimating and costing construction work
- sources of information on material requirements and processes for calculating them
- standards applicable to the work being costed, such as Australian standards and those in the National Construction Code
- terms and content of relevant contract documentation to inform estimate.

Assessment Conditions

Suitable assessment of performance requires:

- equipment:
 - calculator
 - computer with internet access
- specifications:
 - plans and specifications for the work to be undertaken
 - costing information
- relationship with client:
 - consultation with client is required.

Assessor requirements

As a minimum, assessors must satisfy the assessor requirements in the Standards for Registered Training Organisations (RTOs) current at the time of assessment.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>