



Australian Government

UEECO0001 Estimate electrotechnology projects

Release: 1

UEECO0001 Estimate electrotechnology projects

Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Application

This unit involves the skills and knowledge required to estimate material and labour costs for competitive quotation/tenders for electrotechnology work exceeding \$AUD20,000.

It includes reading and understanding job specifications, adjusting for material take-offs, determining labour and site requirements, costing and documenting.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable

Competency Field

Commercial

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Determine project scope

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- | | |
|-----|--|
| 1.1 | Work health and safety (WHS)/occupational health and safety (OHS) requirements and workplace procedures for a given work area are identified and applied |
| 1.2 | Hazards are identified, risks are assessed and control measures are implemented |

- | | | |
|---|------------|---|
| | 1.3 | Extent of the project is determined from design brief specifications, other relevant documentation and discussions with appropriate person/s |
| | 1.4 | Estimated completion date is determined from design brief specifications, other relevant documentation and discussions with appropriate person/s |
| | 1.5 | Project activities are planned to meet scheduled timeframes in consultation with relevant person/s |
| 2 Estimate electrotechnology project | 2.1 | Material take-offs are determined accurately and checked against job specifications |
| | 2.2 | Materials, labour and other costs are determined from relevant workplace documentation |
| | 2.3 | Sources and availability of materials and human resources required for the electrotechnology project are determined in accordance with workplace procedures |
| | 2.4 | Estimates are checked and revised for accuracy in costing against job specifications in consultation with relevant person/s |
| | 2.5 | Unplanned events are responded to in accordance with workplace procedures |
| 3 Document and submit quotation | 3.1 | Project estimates are documented in accordance with workplace procedures |
| | 3.2 | Quotation is forwarded to relevant person/s within specified timeframe |
| | 3.3 | Quotation documentation is filed in accordance with workplace policies and procedures |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEE Electrotechnology Training Package

Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEENEEC005B Estimate electrotechnology projects.

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>