



Australian Government

RUCWM503D Prepare civil works cost estimate

Release: 2

RIICWM503D Prepare civil works cost estimate

Modification History

| Release | Comment |
|---------|--|
| 1 | This unit replaces RIICWM503A Prepare civil works cost estimate |
| 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

Application

This unit describes a participant's skills and knowledge required to prepare a civil works cost estimate in Civil construction.

This unit is appropriate for those working in supervisory roles or as a technical specialist.

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

Unit Sector

Civil construction

Elements and Performance Criteria

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| 1. Plan to prepare civil works cost estimates | 1.1 Access, interpret and apply civil works cost estimate documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.4 Review and confirm the draft works program that details the tasks or activities to be undertaken 1.5 Confirm agreement on the draft works program |
| 2. Confirm bills of quantities | 2.1 Review and confirm the on-site labour bill of quantities 2.2 Review and confirm the materials bill of quantities 2.3 Review and confirm the sub-contractor services bill of quantities |

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| 3. Confirm the schedule of rates | 3.1 Review and confirm the on-site labour schedule of rates 3.2 Review and confirm the sub-contractor schedule of rates |
| 4. Develop and gain agreement on the estimated cost of the civil works project | 4.1 Apply the appropriate confirmed schedule of rates to the confirmed bill of quantities and estimate the civil works project cost 4.2 Gain approval of the civil works cost estimate 4.3 Complete and submit the documentation of the civil works cost estimate |
| 5. Support and review the application of the cost estimate | 5.1 Provide clarification and advice to those applying the cost estimate 5.2 Review the application of the cost estimate and recommend improvements to the civil works cost estimate preparation processes |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIICWM503A Prepare civil works cost estimate

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>