

## CPCCBC4004A

### IDENTIFY AND PRODUCE ESTIMATED COSTS FOR BUILDING AND CONSTRUCTION PROJECTS

#### PRACTICAL ASSESSMENT INSTRUCTIONS

- The following practical assessment will require the participant to complete work related activities.
- The assessor will conduct observations of the participant's work to determine whether they display sufficient practical skills and knowledge.
- Please fill in the details below, providing your name, signature and date of assessment.
  - Your signature acknowledges that the assessor provided clear instructions and the participant understood what was required to complete this assessment.
- The assessor may substitute a Practical Task with another task of equal value.
  - Alternate tasks must be fully documented by the assessor.

Participant name Daphne Chan

Participant signature 

Assessor name \_\_\_\_\_

Assessor signature \_\_\_\_\_

Date \_\_\_\_\_

| Number of tasks | Number of tasks completed | Satisfactory? |    |
|-----------------|---------------------------|---------------|----|
|                 |                           | Yes           | No |
| 1 (2X)          |                           |               |    |

**Assessor comments:**

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### IDENTIFY AND PRODUCE ESTIMATED COSTS FOR BUILDING AND CONSTRUCTION PROJECTS

| Practical Task 1 (2X)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         |                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|
| <b>Description of task:</b><br>On two (2) occasions, a suitable observer is to verify the participant's ability to establish the estimated costs associated with the acquisition of materials and labour on building and construction sites, together with the application of relevant overhead costs and margins. These tasks may be simulated or real.<br><br>The participant is to gather evidence of how they have completed each component of the Practical Task, which is to be submitted with this Practical Assessment sheet. The observer is to provide detailed comments on the tasks completed by the participant. The assessor is to verify the observer's comments in the Assessor Comments section, and provide the Practical Assessment outcome on the front cover of this document. |                                                                         |                             |
| <b>Resources required:</b><br>Project plans/drawings/specifications, Computer with costing software.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                         |                             |
| Assessment of task                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         |                             |
| Name of participant:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Daphne Chan                                                             |                             |
| Name of observer:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ingmar Sommer                                                           |                             |
| Role of observer<br>(Confirm suitability to sign)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Commercial Manager                                                      |                             |
| Email address of observer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ingmar.sommer@sydneymetro2.com.au                                       |                             |
| Signature of observer:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                         |                             |
| Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3 / 10 / 19                                                             |                             |
| When completing the task, did the participant:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tick if satisfactorily completed.<br>Provide comments if left unticked. |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 <sup>st</sup><br>Occasion                                             | 2 <sup>nd</sup><br>Occasion |
| 1.A. Identify, read and understand plans and drawings: <ul style="list-style-type: none"> <li>Interpreting levels, heights, gradients and other measurements</li> <li>Make measurements and identify quantities that conform to standard industry practice (e.g. national codes, standards)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                       | ✓                           |
| 1.B. Identify types and numbers of appropriate on-site personnel and estimate the time required on-site, including labour hours for non-contract elements of on-site work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ✓                                                                       | ✓                           |
| 1.C. Calculate costs or rates for required on-site work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ✓                                                                       | ✓                           |
| 1.D. Identify physical resource requirements, producing lists of materials and calculated quantities against project or standard construction contracts.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ✓                                                                       | ✓                           |
| 1.E. Establish prices from suppliers for: <ul style="list-style-type: none"> <li>Materials and consumables</li> <li>Plant or requirement requirements</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓                                                                       | ✓                           |
| 1.F. Determine and apply estimates of unit costs, as appropriate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                                                                       | ✓                           |
| 1.G. Identify and apply costs of statutory/additional costs, including: <ul style="list-style-type: none"> <li>WorkCover requirements</li> <li>Environmental Protection Agency requirements</li> <li>Seeking approvals</li> <li>Waste management site fees</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓                                                                       | ✓                           |

|                                                                                                                                                                                                                 |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 1.H. Apply company overhead recovery and margins.                                                                                                                                                               |  |  |
| 1.I. Using a costing software program, calculate completed estimated project costs for inclusion in a tender or bill.                                                                                           |  |  |
| 1.J. Effectively communicate using the following methods: <ul style="list-style-type: none"><li>Verbally using language/concepts appropriate to cultural differences</li><li>Non-verbal communication</li></ul> |  |  |
| The participant's performance was: <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Not Satisfactory                                                                                   |  |  |

Observer comments: