

## 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.
  - The Participant's 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 an alternate task of equal value.
  - Alternate tasks must be fully documented by the assessor in the Assessor Comments area.

Participant name

SAMBARA SERLY

Participant signature



Date

~~Click here to enter a date.~~

13/10/2019

Assessor name

BRETT STOWARD

Assessor signature

Date

~~Click here to enter a date.~~

| Task                | Task outcome (Tick)      |                          |
|---------------------|--------------------------|--------------------------|
|                     | Satisfactory             | Not Yet Satisfactory     |
| Task 1 (Occasion 1) | <input type="checkbox"/> | <input type="checkbox"/> |
| Task 1 (Occasion 2) | <input type="checkbox"/> | <input type="checkbox"/> |

### ASSESSOR COMMENTS

## CPCCBC4004A

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

#### Practical Task 1 (2X)

**Description of task:**

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.

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. Evidence to be submitted may include a copy of a Bill of Quantities or similar estimate for a project that shows the following:

- Quantity calculations for material and labour requirements across the trades
- All other associated costs
- Overhead and Profit Margin allowances
- A copy of a quotation
- A copy of the plans and specifications, etc. for the project
- Variation documentation

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.

**Resources required:**

Project plans/drawings/specifications, Computer with costing software.

#### Assessment of task

|                                                   |                                                                                     |  |  |
|---------------------------------------------------|-------------------------------------------------------------------------------------|--|--|
| Name of participant:                              | SAMBARA SERLY                                                                       |  |  |
| Name of observer:                                 | INGMAR SOMMER                                                                       |  |  |
| Role of observer<br>(Confirm suitability to sign) | SENIOR CONTRACT ADMINISTRATOR                                                       |  |  |
| Email address of observer                         | ingmar.sommer@sydneymetroq.com.au                                                   |  |  |
| Signature of observer:                            |  |  |  |
| Date:                                             | Click here to enter a date.                                                         |  |  |

  

| 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> | <input checked="" type="checkbox"/>                                     | <input checked="" type="checkbox"/> |
| 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.                                                                                                                                 | <input checked="" type="checkbox"/>                                     | <input checked="" type="checkbox"/> |
| 1.C. Calculate costs or rates for required on-site work.                                                                                                                                                                                                                                                   | <input checked="" type="checkbox"/>                                     | <input checked="" type="checkbox"/> |

|                                                                                                                                                                                                                                                                       |                                     |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|
| 1.D. Identify physical resource requirements, producing lists of materials and calculated quantities against project or standard construction contracts.                                                                                                              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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>                                                                                                      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 1.F. Determine and apply estimates of unit costs, as appropriate.                                                                                                                                                                                                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 1.H. Apply company overhead recovery and margins.                                                                                                                                                                                                                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 1.I. Using a costing software program, calculate completed estimated project costs for inclusion in a tender or bill.                                                                                                                                                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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>                                                    | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| The Participant's performance was: <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Not Satisfactory                                                                                                                                         |                                     |                                     |

### OBSERVER COMMENTS