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# CPCBC5010B: Assessment 6

## What you have to do

This assessment relates to the following Project:

### **19735 Project 2 Medium Rise Apartments**

Job Address: 2135 The Boulevard, Strathfield, NSW

Job Title: Proposed Commercial and Residential Development

Client: AKM Developments

Architect: Olympic Designs, 55 Olympic Pde, Homebush, NSW

You should obtain the following documents, from the OLS, for the job:

Plans:	Page 1	Site Plan
	Page 2	Basement 1
	Page 3	Basement 2
	Page 4	Basement 1 Setout
	Page 5	Basement 2 Setout
	Page 6	Floor Plan Level 1
	Page 7	Floor Plan Level 2
	Page 8	Floor Plan Level 3
	Page 9	Floor Plan Level 4
	Page 10	Floor Plan Level 5
	Page 11	Setout Level 1 and 2
	Page 12	Setout Level 3 and 4
	Page 13	Setout Level 5
	Page 14	South Elevation
	Page 15	North Elevation
	Page 16	East and West Elevations

Bill of Quantities: Preliminary Estimate (6 pages)

Specification of Works (60 pages)

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# Task

You must demonstrate competency in each question in this assessment.

Your building company has won the tender to construct the medium rise apartment project at The Boulevard, Strathfield.

## Question 1 Establish site communication processes

- a. Produce a letter to notify all the relevant personnel of the dates and times of site meetings for the construction project. The letter is to identify all the relevant personnel that it will be sent to. Include all of your company's relevant information in the letterhead. You are to assume the job is to start on January 13<sup>th</sup> 2014 and be completed by the end of that year. Include a table with a description of the contents of each meeting and who should attend each one.

## Question 2 Establish and review WHS, welfare and risk management procedures

- a. Prepare a short report on the First Aid requirements for this site. In your report, make reference to the number of personnel on site and the relevant legislation and any code of practice that may be applicable.
- b. Produce a list of the plant and equipment that are likely to be used in High Risk construction work on this project that require a person to hold a licence or certificate of competency.  
You should review the "Moving Plant on Construction sites" Code of Practice, by WorkCover NSW for assistance.  
It can be downloaded from the WorkCover website at [http://www.workcover.nsw.gov.au/formspublications/publications/Documents/moving\\_plant\\_on\\_construction\\_sites\\_code\\_practice\\_1310.pdf](http://www.workcover.nsw.gov.au/formspublications/publications/Documents/moving_plant_on_construction_sites_code_practice_1310.pdf)
- c. Pick one of the items of plant from your list in part a, and produce a Safe Work Method Statement (SWMS) for its use on this site.
- d. Produce a written site specific safety induction plan covering the WHS issues on this particular construction site. Consider the construction methods, plant to be utilised and the personnel on site when writing the plan.

## Question 3 Manage supply of materials and installation of equipment.

- a. Produce a list of materials and equipment on the site that will have a delivery lead time (need to be ordered ahead of time).
- b. Produce a materials and equipment order bar chart, identifying when the materials in part a will need to be ordered, based upon a one year construction schedule. Include a network diagram to show the logic in the sequence.

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**Question 4** Manage on-site operations.

- b. Once month after signing the contract, and two months prior to starting construction on site, the client wants to change the sliding doors and windows to double glazing. Prepare a variation claim to forward to the client. Include all the necessary details in the claim to ensure you are covered in terms of the contract you reference in Question 5. Consider the following issues when preparing your variation claim: extra costs of materials, lead time for materials, changes to subcontracts, and extra time for completion.  
To calculate the cost of the variation, use a percentage increase to the existing cost for double glazing over single glazing allowed for in the existing Bill of Quantities.

**Question 5** Manage the processing of progress claims and payments.

- a. Provide a projected project payment schedule based on the information you have been given. Make reference to the contract that you would likely use on the project.
- b. Prepare Progress Claims no 1 and 2 from the schedule you outlined in part a. Include all of your company's relevant information in the letterhead.

## Checklist

I have:

- Completed all questions of this assessment
- Included my name, student number, unit number, assessment number
- Reviewed and spell checked my document
- Saved a copy of the assessment on my own computer