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**Site Ops Assignments 2023**

**Construction Site Management Training Programme 2023**

**Learning outcomes:**

1.       Demonstrate knowledge of the management structures and hierarchy of responsibilities within a typical construction contract.

2.       Demonstrate knowledge of the methodologies for the basic disciplines of the construction process utilizing a set of  construction contract documents

3.       Demonstrate knowledge of the practical implications of compliance in relation to the on-site construction process

**Instructions issued:** One set of instructions plus a marking rubric

**Submission:** Via dropbox on Unitec’s Hawkins’ Moodle page

**Weighting:**This assignment is worth 100%

**The Assignment presentation and handin –**

Group Assignment 28th June 2023 (final version presented in person during Day 2 of Site Ops Module) and also lodged to Moodle Page dropbox by no later than 1.30pm on 28th June 2023.

**Please note:** that **all group members** **receive the same mark for the group work** **for Part A and Part B** **unless** the facilitator is notified by group members that someone has not contributed equally.

**Group Assignment: Part A - (80%)**

**Prepare a group presentation** **documenting the key factors considered when making the decisions regarding the construction methodology on the particular group’s choice of project(s) only .**

The Project chosen by each Group needs to be at a stage that the group can identify the key factors of the 4 elements selected to focus on.

**For a project (preferably one--max of two) of the Group’s choice, the group members are to choose FOUR of the SIX following elements:**

·         Site set up and Site works

·         Foundations

·         Main structure

·         Envelope

·         Fit out

Each element is likely to be reasonably large, and depending on the project chosen- it may not be practical to look at each element as a whole. If necessary, choose a section to analyse from within each element.

**For each of the 4 elements selected- the group presentation should address the following 4 aspects:**

1.    A timeline bullet point sequence of the steps/tasks taken to complete each element (or elemental section), and how each element fits into the overall construction programme.

2.    An explanation of factors that were considered when deciding on the methodology chosen for each element.

3.    Other methodology options considered for each element, and the reasons why they weren’t chosen. If no other methodology was considered, the reasons why not.

4.    Any specific challenges or opportunities that arose (or are anticipated) for the identified elements during construction.

**For each element** (and therefore one per group member) the aim is for the whole Group to demonstrate the factors that influenced their decisions for the choice(s) of construction methodology that has/have been chosen, and why and at the same time demonstrate the understanding of the methodology and what is required to carry it out.

**Compile a presentation** (approximately 10 of the 15minute total for Pts A and B) supported by photographs where possible. The presentation slides and supporting notes should be submitted to Moodle following your presentation.

**Group Assignment: Part B - (20%)**

**Choose a project (preferably one -max of two) of your Group’s choice**, that can respond to all or most of the assignment criteria and the group’s personal/collective experiences –

**THEN:**

**Compile a ppt presentation** that identifies the selected positions on the organisation chart; briefly describes each position investigated (including at least 3-5 key responsibilities) and outlines the main communications interactions and reporting lines that the selected roles will have with each other and other project team members.

**Identify two (maximum 4) roles** from the (Hawkins') Contractor’s project team below, and describe the likely or known job descriptions and responsibilities of those roles on the chosen project.

The following list is intended as a starting point only, and other roles may be included in the management structure chart and/or role investigation.

Contractor’s project team (eg)

o    Project Manager

o    Quantity Surveyor

o    Commercial Manager

o    Programmer

o    Site Manager

o    Foreman/person

o    HSE Advisor (Health. Safety & Env)

**Draw a clearly readable chart** showing the project and site management structure, including those lines of communication, their roles and responsibilities.

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