

## Assignment Brief

<b>Programme:</b>	Bachelor of Building & Construction Management
<b>Unit Code:</b>	
<b>Unit Title:</b>	Construction Procurement
<b>Distributed on:</b>	Canvas on Monday, 15 <sup>th</sup> March 2021
<b>Submission Time and Date:</b>	To be submitted by <b>18:00</b> on <b>Friday, 16<sup>th</sup> April 2021</b>
<b>Word Limit</b>	3,000 ( $\pm 10\%$ ) Please include the word count on the cover page.
<b>Expectation of Submission:</b>	<ul style="list-style-type: none"><li>• A report structured professionally, reflecting the key elements required by the tasks that are presented below in this coursework specification.</li><li>• An e-copy submitted via Canvas is required.</li></ul>
<b>Weighting</b>	This coursework accounts for [ <b>50</b> ]% of the total mark for this unit
<b>Group Assignment</b>	<b>No</b>

### INSTRUCTIONS ON ASSIGNMENT

#### Assignment Title

Case Study of the Heathrow Airport Expansion Project Part 1: A Research Report for Procurement

#### Mapping to the Unit Learning Outcomes (ULO)

1. Distinguish and employ the principles and practices of construction procurement and procurement management (ULO1).
2. Differentiate between the relevant regulations and standards in construction procurement (ULO2).
3. Prepare and apply construction procurement strategies, and procurement management processes to achieve successful outcomes (ULO3)

#### Background and Introduction

##### **Case-Study Background**

The London Heathrow Airport Expansion project, which aims to build an additional runway, has been initiated to accommodate an increasing demand for aviation services/businesses, which support thousands of UK jobs and contribute around £22 billion ( $\approx$ AU\$39 billion) to UK's economy every year. Currently, the project's client, UK government, is implementing the procurement strategy development process of the Heathrow expansion. Therefore, your organisation has been appointed by the UK government for providing them with consultancy for the decision-making of selecting an appropriate procurement method to procure this new runway.

## Assignment Brief

### Tasks for Students:

You have been assigned by your organisation to produce a professional research report for the procurement decision-making of the Heathrow Airport Expansion, which is expected to **identify** and **clearly discuss**:

#### **Project Objectives and Stakeholders (Task 1)**

- Project goal and purpose(s);
- Key stakeholder network of the project; and
- Key stakeholders' expectations.

#### **Project Risk identification and assessment (Task 2)**

- Possible risks associated with the delivery of the project; and
- Impacts of the possible risks on the project.

#### **Procurement Options for the project (Task 3)**

- Two procurement strategies that will be suitable for the project (e.g., Construct Only, Design and Construct, Divided/Managed (Contract) Strategy, or Public-Private Partnerships); and
- Suitability of the identified two procurement options (i.e., why are they suitable for the project?).

### Unit Specific Assessment Criteria and Rubric

**Project background analysis:** An identification and rationally relevant discussion of the objectives and key stakeholder elements of the Heathrow Airport Expansion project, with references to appropriate and reliable literature (**Task 1**) (**10%**).

**Project risk management:** A rational identification of and assessment for the risks that are associated with the lifecycle of the project, with references to appropriate and reliable literature (**Task 2**) (**15%**).

**Procurement Option Analysis:** A rational identification of and clear discussion on the possible procurement options for the project (**Task 3**) (**15%**).

**Communication and Referencing:** A clear, logical and organised writing style that is free of spelling and grammatical errors, plus the use of a variety of relevant sources of information and correct referencing in accordance with the **Harvard style** (**10%**).