

# ENGM90006 Engineering Contracts and Procurement

## Assignment, Semester 2, 2020



### Engineering Contracts

This year's assignment is to be undertaken as your own individual work. There are two major perspectives to be considered.

In part A of the assignment you are representing the Principal and you are called upon to review the tender documents to ensure they truly match the organisation's objectives; and In Part B, you are to assume the role of a potential bidder for the tender detailed in part A.

#### **PART A: Review of contract strategy from the Owners perspective.**

Select one of the following projects, as described in their tender documents. You are to review the documents and confirm to the Principal's (the Owner) Manager of Procurement that the correct procurement strategy is being adopted for the project:

- I) Explain the benefits and risks associated in using the contracting form nominated. Include in your discussion, factors such as the context, organizational experience, and specifics of the project risk profile. You should also clearly outline the anticipated time dimensions for the project and the reasons behind the suggested timeframe. (10 marks)
- II) For your selected project, identify three to five critical risks and/or opportunities. Enough detail is to be provided to justify the significance of identifying these risks as priorities. (10 marks)

The following projects have been nominated and details are provided in LMS.

1. Develop an ITS budget and management reporting system for Court Services Victoria ITS 2020 - 1019
2. Construct a pipeline from Melton to Bacchus Marsh for Western Water, CN000118
3. Provide preventative and reactive maintenance services for Monash Health – titled 'Medical Gas Reticulation Systems Maintenance services, TEN-20-0000033

NB: a) It is **not** permissible to replace the above projects with one you may be working on in a corporate environment.

- b) Do not contact any of the actual project teams as part of this exercise. If this happens you will receive zero for the assignment.

#### **PART B: Developing a winning strategy**

Assume you are responding as a tenderer to the project you have chosen in Part A of this assignment. Propose a detailed strategy as to how you think your services could emerge as the preferred tenderer. Your response should consider technical, commercial and contractual matters. Ensure you link your strategy to the matters valued by the Client and reference these where appropriate.

(15 marks)

**The assignment is due by 9am on Monday the 12<sup>th</sup> October 2020 and it is to be submitted via Turnitin in LMS.**

---

**The assignment will be worth 35% of your subject.**

The cumulative length (adjusted, i.e. not including face sheet or appendices) of the submissions should be no more than 2500 words. NB: Material provided in the appendices is only supporting information and does not need to be considered in the marking process

**Late submissions will be penalized by 5% for each day late. Special conditions should be advised in accordance with university policy, else they will be time barred from consideration.**

Assignment cover sheets are to be attached to your submission.

**Colin F. Duffield  
11 August 2020**