



## Assignment Instructions

In order to qualify for the Aecon Estimating Bursary, you will be asked to:

- Write a 250-word statement on your interest in Estimation.
- Provide a short 2-minute video presentation on an Estimating Case Study which will be outlined below. It is to your discretion on how you prefer to present your video, get creative!

## Statement of Interest (250 words)

- Please respond to the following questions:
  - o What excites you about a career in Estimation?
  - o How do you think your skills and background match your interest in this career path?

## Case Study (2-minute video presentation)

- Introduction
  - o Baroque county with its 200,000 population, and rising, is seeking for a way to improve traffic between the South and North ends of the city which is divided by a lake. Their initial solution was to make improvements to their current 2 lane traffic bridge which was mainly cosmetic changes and would not improve traffic congestion. Knowing this is not a long-term solution, they are now considering constructing a new bridge further down the river. Baroque county has begun the contracting process with Aecon and is engaging with their estimating team to provide costing information on materials needed.
- Details of the Vista Bridge Project
  - o The Vista Crossing Bridge project will be 1.2km in overall length with its main span length being 600 Meters. The width of the bridge will be 30 Meters and Pylon height is 150 Meters.
- Questions
  - o Please provide suggestions for materials that would be included in an estimating material takeoff.
  - o What cost risks do you think are applicable to a project such as this?
- Definitions
  - o Take-off: Is the process of listing and measuring materials required for the project to calculate the cost to complete it.

## Scoring Criteria

- *Note: The Statement of Interest and Case Study will be scored as one submission.*
- Creativity /5
- Content /5
- Writing skills /5
- Presentation /5
- Total /20



### **Estimating Submission Instructions**

- When uploading files, please use the following naming conventions:
  - Statement of interest document: "First Name, Last Name, Statement of Interest"
  - Case study video: "First Name, Last Name, Case Study"