

T Level Technical Qualification in Building Services Engineering for Construction (8710-30)

Employer-Set Project – 2.1 Collaborative Problem-Solving

Task 2.1 – Collaborative problem-solving

Rich Build PLC have now been awarded the library contract following success in the tendering process.

However, before the project can start work Rich Build PLC has encountered a problem – One of the company's trusted contractors has gone out of business and an alternative must be selected quickly.

Two potential replacement options have been shortlisted;

Option 1 – CM renewable contractors

Key facts

- Established in 1990
- Operates in the local area
- Some industry colleagues have said they are expensive
- Currently working on a local hospital build project
- Has a training programme for apprentices
- Is part of a trusted trader programme
- Has case studies on the website from previous customers
- Has a customer service number/centre for customer queries

Option 2 – LB environmental contractors

Key facts

- Established in 2016
- Actively looking for business
- Sources materials from outside the UK
- Offers discounts for large regular orders
- Has a focus on sustainability
- Offers interest free credit for 12 months on installation work
- Operates across the country
- Offers a service to beat any quote

In small groups, you need to discuss these two options and the potential advantages and disadvantages of each.

Take notes of the discussion points and arguments raised and make sure you consider both options in relation to the library project and the original tender specification. Draft notes will be submitted at the end of the task.

Following your discussion you will need to draft an email to the Rich Build PLC Business Development Manager detailing your opinion and recommendation as to which contractor option to be selected.

Your email should be a minimum of 300 words long, and include:

- Your recommendation as to which contractor to select, justifying the reason(s) why
- Any potential risks there may be with the option you have selected
- Additional information you need to find out from the selected contractor.

Timing of assessment

- You will have **half an hour** to discuss the options with your group.
- You will have **one hour** to complete your draft recommendation email on your own.

Conditions of assessment

- Your discussions will be completed working in small groups under supervised conditions.
- Your email will be drafted working alone under supervised conditions. You will have access to the notes you made during the group discussion.

What you must submit on completion of this collaborative problem-solving task

- Written discussion notes.
- Drafted email (300 words minimum) - hard copy or file saved securely (e.g. on memory stick to be handed in).

Additional evidence of your performance that will be captured for marking

- Assessor's observation notes on contribution to discussions.
- Video recording of discussions.

Maths, English and digital skills

- N/A

SAMPLE

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