T-LEVELS | Institute for Apprenticeships & Technical Education

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

8710-033 Core: Employer-Set Project

Task 2.1 Collaborative Problem-solving

Summer 2023

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Task 2.1 – Collaborative Problem-solving

Renewable Retrofit Ltd has now been awarded the contract following a successful tendering process, and work is currently underway and progressing well. However, due to the final delivery of infrared taps being later than expected, the away changing rooms will not be available on time, and this could delay the opening. What alternative arrangements could be provided to help the client open on the first day of the season?

Two potential options are:

1. Provide external temporary facilities for the away team which must include changing room, showers and toilets. This option will result in a loss of valuable car parking space, reduced match revenue and additional costs. There will also be a charge for installation, connection and removal from the supplier.

2. Use another part of the building as a temporary facility for the away team. This will result in the selected area being out of use and will require a shared approach to the shower and toilet facilities available for the home team.

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

Take personal notes of the discussion points and arguments raised, and make sure you consider both options in relation to the Project Brief document.

Following your discussion, you will need to draft an email to the Renewable Retrofit Ltd Business Development Manager, based on the discussions and your personal notes.

Your email should be approximately 300 words long, and include:

- Your recommendation as to which option 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 client.

Timing of assessment

- You will have **30 minutes** 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

- Draft notes from your group discussion.
- Draft email (approximately 300 words)

Submitted as a hard copy or file saved securely as directed by your tutor/supervisor. You must ensure your work is saved as outlined in the ‘Presentation of work’ section of the Candidate Guidance document.

Additional evidence of your performance that will be captured for marking

- Observation record on your contribution to the discussion.
- Video recording of your group discussion.

Maths, English and digital skills

N/A

Get in touch

City & Guilds Technicals Quality Team

We are here to answer any queries you may have regarding your T Level Technical Qualification delivery.

Should you require assistance, please contact us using the details below:

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