

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

8710-033 Employer-Set Project

Task 1.1 Research

Sample

Version and date	Section	Change detail
1.1 September 2023	Front cover	Rebranded
	Task requirements	What must be produced / submitted updated
	Throughout	Footers updated
	Back cover	Contact details added

Task 1.1 – Research

In preparation to respond to the tender, you need to research potential opportunities for inclusion of SMART technologies.

Review the project brief and tender specification carefully before you start any research.

Choose **one type** of SMART technology from the tender specification and research its suitability for the library development. Areas to consider as part of your research include:

- Rough costs of different systems/components and technologies and how they impact building performance
- Potential environmental and financial benefits
- Laws or regulations associated with the installation and maintenance.

Remember to keep a record of the different sources you have used.

You should collate your research notes and findings together so you can reference them as part of the next stages in this project. It is likely your research findings will be approximately three sides of A4.

Timing of assessment

- You will have **three hours** to conduct your research.

Conditions of assessment

- Your research should be completed independently and working alone under supervised conditions. You will have access to the Internet to conduct your research.

What you must submit on completion of this research task

- Research notes (approximately three sides of A4)
- Record of sources

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

- N/A

Maths, English and digital skills

- Through completion of this task, you will have the opportunity to generate evidence of your digital skills.

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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