

# COMMERCIAL DESIGN ENGINEER

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Inside

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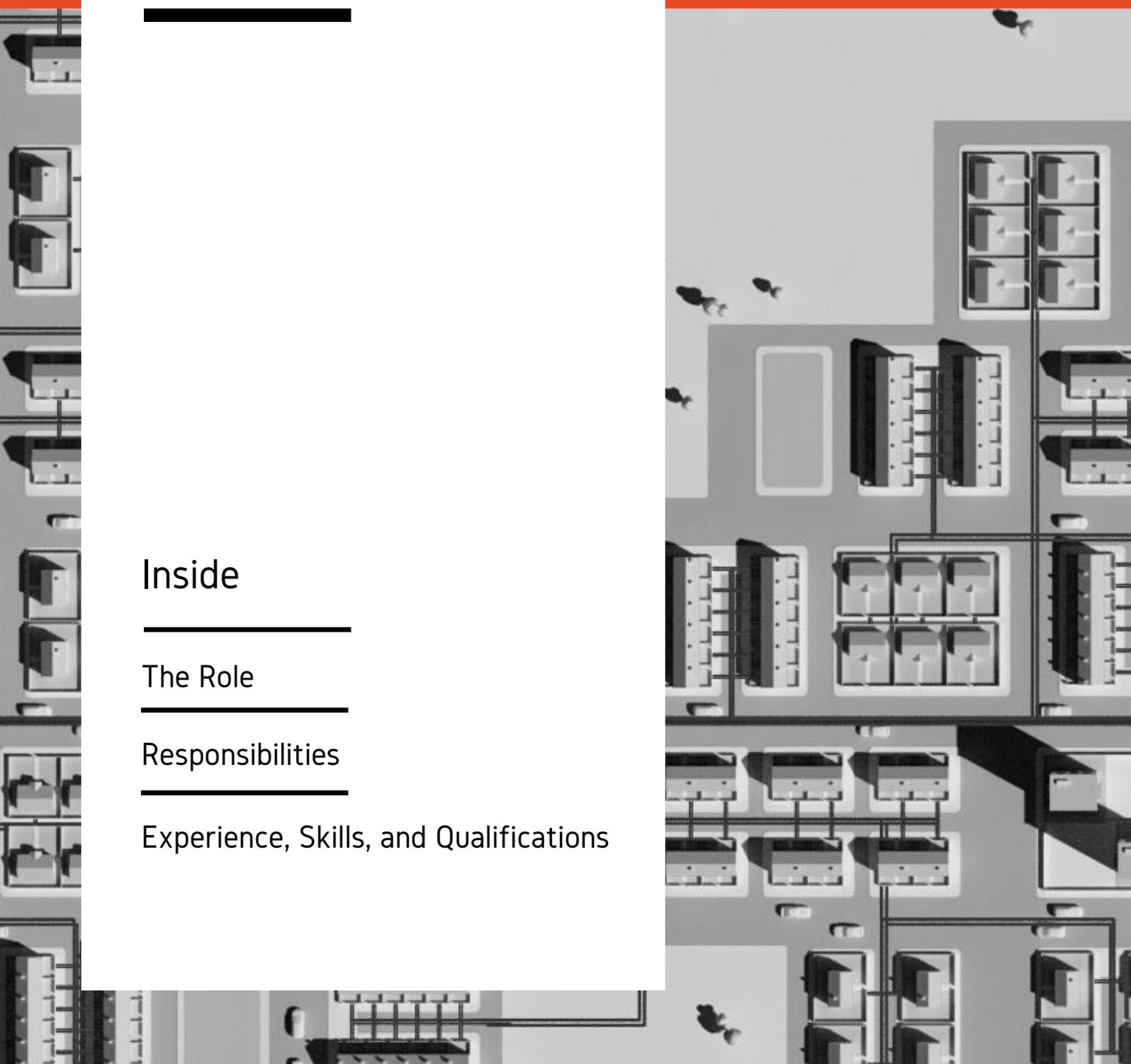
The Role

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Responsibilities

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Experience, Skills, and Qualifications



# The Role

As Commercial GSHP Design Engineer you will be lead designer on projects across a range of sectors including commercial, educational and healthcare.

You will work with the design, commercial and delivery departments to facilitate the development of the growing commercial GSHP installations business, being responsible for the full life-cycle of allocated commercial designs from facilitating client design briefs to authoring of O&M manuals and as-built records.

You will liaise with clients throughout the design cycle and provide monthly reporting to the Design Manager, informing process and procedure as required.

## Responsibilities

- To assist clients in creating a clear design brief
- To gather construction information about existing or planned properties using a variety of resources including architects plans, questioning clients and direct surveys.
- To produce plans showing construction details including floor plans, layouts of existing heat and hot water infrastructure, site access, proposed heat pump locations and proposed borehole locations.
- Liaise with specialist hydrogeological designers to allow calculation of boreholes.
- Coordinate surveyors and other third-party contractors as required, reviewing work and overseeing design technical correctness
- Design and develop GSHP Space heating and HW provision and design working drawings
- Prepare feasibility studies and assist with budgeting
- Liaise with clients design team to ensure a collaborative project is delivered.
- Perform heating/cooling calculations and pipe sizing activities
- Prepare heating/cooling diagrams and schematics
- Produce full plantroom GSHP heating and hot water designs in AutoCad
- Prepare equipment schedules, specification for plant, ductwork, pipework and associated datasheets
- Undertake and compile technical requisitions and specifications for GSHP heating/cooling systems and HVAC equipment such as fan coil units, air handling units
- Prepare controls and BMS work scopes
- Plan, organise and manage workload to ensure it is completed in line with project schedules and man hour budgets
- Ensure technical correctness of discipline deliverables and compliance with client specifications and project standards.
- Design compilation in line with all relevant codes and standards
- Ensure CDM 2015 compliance of design projects
- Monthly reporting to design manager
- To assist the Design Manager in ongoing process improvement

# Experience, Skills, and Qualifications

This is a role for a highly proactive, self-starting engineer with strong leadership skills

- Substantial engineering and design experience in HVAC applications within the built environment
- Experience using relevant software packages such as Revit, HEVACOMP and AutoCAD
- Relevant degree qualification, ideally chartered but not necessary
- Working knowledge of GSHP Systems
- At least 5 years' experience in a similar role
- Exceptional interpersonal skills
- Understanding and capability of BMS design

## Location

Kensa Contracting operates from two sites, one in Truro (Mt Wellington (production/administration) and one in Exeter (sales/marketing), although this role will involve working from home with regular travel to active or potential sites throughout, internal meetings, and client meetings.

## Key Behaviours

- To build a comprehensive knowledge of Kensa products and to keep updated with changes in product design and application.
- To interact with clients in a calm, non-confrontational and courteous manner. To take responsibility for ensuring follow-up actions are taken and full information is recorded.
- To undertake training and to assist in training other members of staff as required.
- To actively and positively contribute to any appraisal process and to follow up agreed actions.
- To remain a positive ambassador of Kensa at all times
- To work at all times in accordance with the Health & Safety at Work Act 1974 and to follow all company procedures and guidelines.
- To work at all times in accordance with the company's Dignity & Diversity at Work Policy.
- To undertake such other duties as may be required within the general scope of the job.

## Remuneration

Annual salary of £35,000 - £45,000 / Annum, depending on qualifications and experience. You will also partake in the company performance related pay plan.

APPLY NOW

Apply online here:  
[thekensagroup.com/kensa-job-vacancies/](https://www.thekensagroup.com/kensa-job-vacancies/)

Or send a copy of your CV and a covering letter to:  
[jobs@thekensagroup.com](mailto:jobs@thekensagroup.com)



# Kensa Contracting

A KENSA GROUP COMPANY

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This job description and benefits may be subject to change, in consultation with the postholder, in response to new circumstances.

Kensa are an equal opportunities employer and are committed to providing a working environment that is free from all forms of discrimination and where all employees are treated with dignity and respect.

Please see our Equal Opportunity, Dignity and Diversity Policy for further information.