

JOB DESCRIPTION

Job Title:	Design Manager
Department:	Construction
Primary job location:	Hybrid working and Stockley Park and Slough Campus as required
Reporting to:	Engineering Director
Direct reports:	2 initially
Close date	ASAP

About VIRTUS

VIRTUS Data Centres is the UK's fastest growing data centre provider which owns, designs, builds and operates the country's most efficient and flexible data centres. Our mission is to consistently exceed the expectations of customers through innovative, high quality solutions and services. We employ intelligent thinkers – people with positive attitudes, who add the quality of customer proposition and business. We value individual endeavour and initiative and encourage teamwork and togetherness because collective experience and expertise are VIRTUS' greatest strengths.

Job Summary

The role will manage the Virtus UK and EMEA roll out of new data centre projects. This will require management of individual projects from inception to handover to Operations. The role will require experience in managing and delivering Data Centre design packages to suit execution timelines agreed at the outset.

The role is a people manager role and will require day to day management and direction of the internal Virtus design team members consisting of internal design subject matter experts (SMEs) as well as managing the timely progress and deliverables of external Architect & Engineering teams (AE) who will be responsible for delivering detailed designs to suit the agreed contract approach.

The role will need to demonstrate an excellent understanding of system design both at concept level and working system design level to meet business deliverables as well as understanding AE led detailed design approaches and how and why systems are designed the way they are.

There will be a need to have demonstrable experience to hold AEs to account for deliverables to Virtus and where necessary challenge design direction to ensure Virtus always has optimised designs for its data centre delivery programme.

The role needs to be customer facing as required with the ability to discuss designs in detail with customers to meet their requirements.

There will be an expectation to manage multiple project design milestones to achieve agreed design releases to the procurement and construction teams for onward construction delivery.

Part of the role will be the ability of the successful candidate to innovate and challenge our design approaches and develop external parties to deliver designs and products that are leading Data Centre design direction.

The role is a hybrid working approach based on Virtus working principles, meaning the expectation is the role will be a blend of remote working and in person meetings at Virtus office and Data centre locations as required to manage internal and external stakeholders in order to meet design release milestones.

The successful candidate will be expected to work within a diverse and inclusive team environment delivering large scale enterprise projects with both localised and virtual team structures and be able to judge the most efficient method of working for the particular task or aspect of the role that is being conducted.

Duties and Responsibilities

- Manage internal SMEs and external AE teams to deliver our data centre designs from inception to tender, build, commissioning and handover to operations.
- Develop and drive Site Due Diligence (SDD) scopes for new site acquisition opportunities, recommending and engaging external AEs for SDD work including Geo-tech and environmental consultants as required to prove out the viability or risks of new site and GEO opportunities.
- Assist the engineering Director in developing and then delivering campus/building utility power delivery strategies to deliver “Power On” milestones to the construction teams as required to maintain schedule.
- Day to day ownership of design schedules and deliverables to meet the business objectives.
- Day to day management of internal team workload and ability to manage and balance resources needed to meet the workloads present.
- Manage internal and AE design reviews and be able to direct and manage AEs to incorporate any Owner Furnished Contractor Installed (OFCI) equipment in their designs.
- Contribute to the construction phase by providing SME and AE input as required to assist with GC working drawing approvals, RFIs & tech subs, commissioning plan development.
- Assist the Engineering Director with On-site safety and construction reviews of new data centre infrastructure as it progresses at site.
- Own and manage the production of AE As installed Information.
- Drive the SME and AE teams to produce site snagging (punch list) schedules and input to the handover process in line with Virtus requirements known as Chapter12.

- Peer review AE designs to ensure employers requirement are met and designs are functionally deliverable to meet Virtus and customer requirements.
- Ability to be customer facing as required with the ability to discuss designs in detail with customers to meet their requirements.
- Take ownership and develop, modify, review VIRTUS engineering principles.
- Set up and manage design milestone reviews with the Engineering Director and internal stakeholders to gain alignment to design direction ahead of release for tender, GC engagement and execution.
- Support the Engineering Director in identifying opportunities to improve site infrastructure design and reduce our power usage effectiveness.
- Support and develop the design engineering team and operation staff to increase their understanding and awareness of all our designed systems.
- Increase knowledge and quality of Data Centre design team output by involvement with manufacturers product development, construction progress and lessons learned feedback, commissioning feedback and in service operational feedback.
- Support the Engineering Director in advising site operations and engineering teams on optimising existing technical infrastructure, balancing energy effectiveness with resilience and customer SLAs
- Support VIRTUS in ensuring that health and safety regulations and statutory requirements are adhered to.

Qualifications and Skills

- Bachelor's degree or Equivalent in Mechanical or Electrical Engineering preferred or equivalent qualifications/blend of experience – Any acceptable.
- 5 years' minimum experience in data centre design with hyperscale data centre operators, lease providers or allied sectors such as Petro-Chem/Pharma/Process control – any heavy process sector experience valid.
- Experience obtained at senior level design management in multi-disciplinary design of MEP engineering designs.
- Demonstration of the ability to self-develop, and willingness to learn.
- Able to organise and manage own workload and those of your direct reports and extended team.
- Good interpersonal skills
- Good customer service understanding and skills.
- Self-motivated with energy and drive to provide exceptional service.

In line with the VIRTUS' Safeguarding Policy, the successful applicant must be willing to undergo a BS7858 screening process.

Remuneration package and benefits:

- Competitive package.
- Discretionary bonus.
- Private healthcare.
- Pension contribution scheme.
- Cycle to work scheme
- Eye care benefit
- Annual travel card loan
- TechScheme
- Flexible working

VIRTUS is an equal opportunity employer. As part of our commitment to fight for equality, we work to ensure a fair and consistent interview process. We celebrate diversity and we are committed to an inclusive work environment.

If you are interested in this role, please email your CV to careers@virtusdcs.com.

We reserve the right to close this post for applications should sufficient applications be received.