

Physical Infrastructure – Structured Cabling Designer

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Company: PTS Consulting Partners

Location: London

Category: computer-and-mathematical

About us

PTS specialise in workplace transformation – we create intelligent, more efficient physical and digital spaces.

With a rich history spanning four decades, PTS has supported clients globally, offering expertise, independent advice and delivering solutions that drive improved experience, collaboration, productivity, and safe, sustainable environments.

We are engaged with some of the world's largest brands, on iconic projects that are shaping the future of how we live and work, and are now growing our multimedia, design & modelling teams.

Overview of the Role

Design Engineer for the PTS Physical Infrastructure Practice:

- * Working as part of a multi-skilled team, provide structured cabling and telecoms design services to PTS' clients.
- * Convert client requirements from concept design to a fully functional solution and manage the tendering process and quality assurance of the installation.
- * Liaise with other consultancies and internal PTS teams to perfect a coordinated design.
- * Always represent PTS in a professional manner and exercise good communication skills with the Client, other design bodies and contractors

Description of Duties

- * Prepare and issue RIBA stage 2, 3 and 4 documentation including: plans; elevations, drawings and schedules to exacting standards using PTS' in-house formats.

- * Attend Client and design team meetings to provide advice on PI design items and ensure relevant standards are met. Ensure actions arising are tracked and resolved in a timely manner.
- * Liaise with the architectural, mechanical, electrical, security and AV disciplines, etc. to produce coordinated designs.
- * Carry out due diligence on equipment room placement and cable pathways.
- * Prepare equipment room electrical and heat loading reports.
- * Prepare cost estimations using PTS' in-house toolsets.
- * Prepare CDM designers' risk assessments.
- * Attend installation team meetings, respond to requests for information and approve technical submittals and drawings.
- * Carry out Equipment Room ready inspections.
- * Carry out witness testing of installations on the Client's behalf.
- * Provide weekly project status updates.
- * Ensure PTS' adherence to agreed scope of works raising and tracking change requests.
- * Adopt PTS' ISO 9001 quality procedures and ensure they are adhered to.
- * Ensure that technical skills are kept up to-date and continually improved.
- * Ensure proper time recording.

Relevant Experience and Qualification

- * Candidates should have experience in a technical structured cabling environment including design; estimation; installation and quality assurance.
- * Understand the complexities of structured cabling installations in construction environments.
- * Previous experience in data centre SCS design and campus distribution is an advantage.
- * Relevant qualifications such as Certified Network Infrastructure Design (CNID®), Certified Network Infrastructure Design Professional (CNIDP®), BICSI Registered Communications Distribution Designer (RCDD), Certified Network Cable Installer (CNCI®), or Certified Network Infrastructure Technician (CNIT®) would be advantageous.

Background and Responsibilities

The role will suit someone who can meet multiple deadlines, as well as prioritise and thrive under pressure. Ideally candidates will have experience in the construction or IT industry.

The successful candidate should have the ability to liaise with and confidently influence stakeholders along with the ability to work across several disciplines.

Personal Qualities

Excellent writing and literacy skills, in particular proof reading

Excellent command of the English language

Meticulous eye for detail

Honest and forthright with the ability to challenge constructively.

Self-motivated

Ability to act on own initiative.

Team player

Methodical process orientated approach

Excellent interpersonal skills

A proactive and professional attitude

Equal Opportunities

PTS is an Equal Opportunities employer and applicants are selected solely based on their relevant aptitudes, skills, and abilities. No applicant shall receive less favourable treatment on the grounds of sex, marital status, civil partnership status, gender identification, pregnancy, maternity, colour, race, nationality, ethnic origin, religion, belief, sexual orientation, disability, age. This is not an exclusive list.

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