

CAD Engineer

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Company: Egis

Location: United Kingdom

Category: architecture-and-engineering

General information

Organisation

Egis is an international player active in the consulting, construction engineering and mobility service sectors.

We design and operate intelligent infrastructure and buildings capable of responding to the climate emergency and helping to achieve more balanced, sustainable and resilient territorial development.

With operations in countries, Egis places the expertise of its 18, employees at the disposal of its clients and develops cutting-edge innovation accessible to all projects.

Improving people's quality of life and supporting communities in their social and economic development, whilst drastically reducing carbon emissions and achieving vital net zero targets, that's our purpose.

Reference

Position description

Job title

CAD Engineer

Contract type

Permanent contract

Business Line specific context

Egis is a leading global consulting, construction engineering and operating firm. We work

together with our clients, across every aspect of transport, energy and the built environment to build a more balanced, sustainable and resilient world. The Egis Group has over 50 years experience and a team of 18,+ employees in over countries around the world. Joining our Group means, above all, sharing our values as a people-first company, strongly committed to sustainability and innovation.

In the UK we're proud to be delivering some of the most iconic projects which help connect people, protect our environment and meet emission reduction targets. From motorways to tramways, nuclear power plants to smart cities, clients choose us to help them solve their most complex challenges - delivering climate-responsible growth that meets the needs of communities, industry, and the planet.

Job description

The M25 is one of our Flagship projects in the UK! It is the most used part of the UK Strategic Road Network with it seeing over , vehicles per day and its a critical infrastructure asset for personal and goods vehicles into and around our capital. The network includes around structures and 5 tunnels, so it requires high levels of performance, constant improvement and repairs to keep it operating smoothly.

Weve formed a Joint Venture project called Connect Plus Services (CPS) to work with our partners to widen, operate and maintain the M25 under a 30-year contract and we are looking for a CAD Engineer to deliver drawing and electronic designs relating to the renewal and improvements schemes along with other drawings required by the business for the M25 projects.

Key responsibilities:

Prepare drawings, schedules, and other electronic designs to programme and budget.

Professional and technical competence in CAD and information management.

Ensure CDM and H&S is applied to all projects.

Ensure drawings are appropriate, are checked and meet the expected levels of technical quality.

To seek innovation in the delivery of CAD and BIM.

Ensure the IMS and CAD manual is actively applied.

Live the Connect Plus Services Values.

Ensure a relentless focus on Zero Harm

Support the delivery of the business Sustainability activities.

Profile

Qualifications/ skills/ experience:

Knowledge of the use of AutoCAD, AutoCAD Civil 3D and BIM modelling

Relevant vocational qualifications (at least City and Guilds / HNC / HND)

5 days of appropriate CPD in last 12 months including 3 related to highway engineering.

Broad knowledge of CDM, IMS and H&S legislation

Broad understanding of Highways Agency design and construction processes

Recent experience working with multi-disciplinary teams

Desirable

Membership of an appropriate professional institution

Appropriate CSCS card registration

Knowledge of KeyLines, KeyPost, KeyAccident KeySign, GIS etc.

Knowledge of ProjectWise

Experience of Highways Agency DBFO or MAC procedures

Personal attributes:

Attention to detail

Excellent communication skills

Able to develop relationships and trust at all levels

Diversity & Inclusion:

We are an Equal Opportunities employer and we strive to build a workforce that truly reflects the communities we represent. We welcome candidates from all backgrounds, regardless of age, disability, gender, gender identity, gender expression, race, religion or belief, sexual orientation, socioeconomic background, and any other protected characteristic. If you

decide to apply for an opportunity with us, your application will be assessed based purely on your experience, the essential and desirable criteria, and your suitability for the role. We value each and every ones contribution as this builds our culture and means that if you work with us, you will be included, listened to, and respected.

Position location

Job location

Europe, United Kingdom

City

Leatherhead

Candidate criteria

Minimum level of education required

3-Diploma of Higher Education / Associates Degree / BTEC Higher National Diploma

Minimum level of experience required

N/A

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