Role definition

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| Job title: | MEP Technician |
| Reports to: |  |
| Direct reports: |  |
| Business unit: | BakerHicks | Location: | Salford Quays |

Summary

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| Responsible for generating high quality, accurate and detailed records of Electrical engineering project documentation, working within a multi-disciplinary design team. |

Key objectives

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| * Contribute to the development and mentoring of junior staff, and the continual improvement of the CAD delivery processes within the department.
* Promote and develop the use of Building Information Modelling (BIM) within the department
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Principal responsibilities and accountabilities

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| * Be responsible for the production of schematic, general arrangement and detailed drawings in accordance with the relevant standards and procedures
* Ensure quality of delivery when producing or updating CAD drawings to internal and/or customer standards.
* Work closely with other members of the design team to deliver safe, efficient and buildable solutions.
* Communicate and collaborate with CAD technicians from other disciplines, other consultants, etc.
* Provide support to CAD technicians, trainees and graduates in their professional development.
* Provide technical mentoring to junior members of the CAD team
* Promote and achieve excellent service through Perfect Delivery
* Ensure thorough checking and accuracy of deliverables and record documentation in accordance with company QA procedures
* Take lead responsibility for the registering and document control of all incoming information and outgoing deliverables.
* Take lead responsibility for maintaining drawing records, such as check and record file copies
* Participate in knowledge sharing across team and locations
* Attend and occasionally present in-house CAD courses and seminars
* Keep up to date with design trends/competitor awareness /design techniques (BIM etc.)
* Interact on project standards coordination with customers
* Report to management team to ensure that resource requirements are utilised efficiently.
* Excellent team ethic, and ability to work extended hours on occasions when required
* Represent MSPS in external project technical meetings if required
* Review specialist subcontractors/suppliers production drawings for technical compliance with design intent
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Person specification

Qualifications and training

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| * HNC/ HND Electrical Engineering
* Ideally Eng Tech TMICE, or working towards.
* Eligible to pass criteria for security clearance and airside pass applications.
* Full UK Driving Licence
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Technical skills and experience

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| * High level of proficiency in the use of AutoCAD 2D and 3D software. Working knowledge of Autodesk REVIT as a must.
* Significant CAD experience preferably in the majority of the following market sectors: industrial, manufacturing and energy, life sciences and chemicals, transport (rail and aviation), infrastructure and utilities, public sector, nuclear.
* Ability to produce 2D & 3D C&S deliverables from concept through to fully co-ordinated detailed design
* Knowledge and experience of traditional building materials, e.g. Steel, Timber, Concrete and RC detailing, and overall site wide infrastructure and earthworks.
* A keen eye for the detail of specific tasks, combined with an understanding of how such specifics fit in with the project as a whole
* Knowledge of CDM regulations
* Knowledge of current UK technical standards/publications and legislation requirements
* Knowledge of standard details and solutions, and compliance.
* High level of proficiency in the use of Microsoft Office software i.e. word, excel, etc.
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