Role definition

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| Job title: | Revit Technician – Mechanical and Electrical Building Services | | |
| Reports to: | Head of Building Services Scotland | | |
| Direct reports: | Revit manager | | |
| Business unit: | Baker Hicks (Building Services Scotland | Location: | Motherwell Scotland |

Summary

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| Responsible for generating high quality, accurate and co-ordinated Building Services Mechanical and Electrical engineering design drawings.  Develop building Information modelling (BIM) building services design deliverables, working within a multi-disciplinary design team. |

Key objectives

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| * Take responsibility for the quality and completeness of all drawn and modelled information for projects under their remit. * Work collaboratively with other BIM technicians and engineers. * Contribute to the development and mentoring of junior staff, and the continual improvement of the BIM delivery processes within the department. * Promote and develop the use of BIM within the department |

Principal responsibilities and accountabilities

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| * Be responsible for the production of schematic, general arrangement and detailed drawings in Revit in accordance with the relevant standards and procedures. * Be responsible for carrying out clash detections of the Revit model and producing solutions to any clashes found. * Ensure quality of delivery when producing or updating 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 Revit/CAD technicians from other disciplines, other consultants, etc. * 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. * Participate in knowledge sharing across team and locations * Keep up to date with design trends * Interact on project standards coordination with customers * Feedback with management team to ensure achievable delivery dates and resources * Excellent team ethic, and ability to work extended hours on occasions when required * Represent Baker Hicks in external project technical meetings if required * Review specialist subcontractors/suppliers production BIM models and drawings for compliance with design intent |
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Person specification

Qualifications and training

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| * Recognised qualification in engineering or BIM * Additional BIM training by approved training provider is an advantage * Eligible to pass criteria for security clearance and airside pass applications. * Full UK Driving Licence |

Technical skills and experience

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| * High level of proficiency in the use of Autodesk REVIT. * Ability to carry out Clash detections using Autodesk Navisworks. * Significant BIM experience preferably in the majority of the following market sectors:Public Sector schools, nurseries and leisure developments industrial, manufacturing and energy, life sciences , MOJ/Scottish Prison Service, NHS and MOD * Ability to produce 2D & 3D Building Services design deliverables from concept through to fully co-ordinated detailed design * Knowledge and experience of mechanical and electrical services equipment and installations * 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 international BIM standards * Experience of producing BIM level 2 projects is desireable * Knowledge of design stages and corresponding level of model information * Knowledge of CDM regulations * Proficient in the use of Microsoft Office software i.e. word, excel, etc. * Knowledge of Cobie Data applicable to M&E drawings |

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