Role definition

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| Job title: | BIM Technician | | |
| Reports to: | BIM/Survey Manager | | |
| Direct reports: | N/A | | |
| Business unit: | Baker Hicks | Location: | Reading |

Summary

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| Baker Hicks provides a managed service for a major Defence Contractor’s Configuration Management function. Based on the client’s sites, we provide support to Document Control, CAD, BIM, Surveying & Tooling with a team of approximately 70 people. As part of the growth of the service, we have identified the need for a BIM Technician to provide coordinated modelling of mechanical, electrical and plumbing services / civil & structural/architectural as well as supervision of model/drawing production. |

Key objectives

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| * Produce 2D layouts/sections/schematics, using AutoCAD/Revit Platforms. * Produce 3D BIM models, generating 2D/3D/layouts/sections/schematics/schedules, to include information modelling to the requirement of the task, using Revit Platforms. * Clash detection, using Navisworks. * Review, Interpretation and conversion of Point Cloud data to create BIM level 2 models in Revit Platforms * Liaise with the BIM Modelling / Data Capture Manager for task requirements. * Produce Revit families where required, to the required level of detail/information. * Mentoring of trainees and technicians * Ensure tasks are completed working to the required company/project standards, based around ISO 19650-1, ISO 19650-2 & BS8541. * Perform model audits, and prepare models for issue to internal/external, suppliers / customers |

Principal responsibilities and accountabilities

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| * Production of Level 2 BIM models and drawings as instructed by BIM Modelling / Data Capture Manager * Support upkeep of facility “AS Built/Record” models / drawings. * Liaise with customer to confirm requirements. * Compliance with company BIM standards. * Understanding of Managed Services procedures and processes. * Application of configuration control processes. * Delivery to set budgets and timescales * Adequate exploration of appropriate and most efficient technical solutions to meet client requirements. * Ensure robust application of estimating methodology with regard to Service Level Indicators * Comply with company Health and Safety and Safe Systems of Work regulations. * Comply with company Security regulations. * Provide BIM models and drawings to support the Built Environment disciplines * Identify opportunities and recommendations for increasing workflow efficiencies * Self-check completed drawings and models produced in-house and by contractors for accuracy and compliance to standards. * Ensure task documentation is maintained. * Attend task and change control meetings. * Manage own professional development to maintain and develop personal knowledge base, through continuing professional development. * Ensuring service level indicators are adhered to and monitored to maximise SLI profit. * Monitoring task progress and costs in accordance with estimates. |

Person specification

Qualifications and training

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| * Ideally educated to HNC level or above in a BIM related field. * Certification in use of Revit by Autodesk approved trainer an advantage. * A comprehensive knowledge of 3D services co-ordination and point-cloud manipulation * Extensive knowledge of ISO 19650-1 & ISO 19650-2 * Good Knowledge of IT including all MS Packages * Good presentation skills and ability to manipulate data sets * Ability to engage with key stakeholders and collate relevant information * Ability to interrogate data and present results to match client requirements |

Technical skills and experience

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| * Extensive understanding of working in a Common Data Environment (CDE) such as BIM360/ACC. * Extensive experience of producing BIM level 2 Models & families * Experience of managing and controlling BIM data and related areas. * Ability to use engineering knowledge and understanding to review and select techniques, procedures and methods to undertake tasks. * Extensive experience of manipulating Laser Scanned Point cloud data. * Extensive experience in using Revit on Architectural/MEP projects (examples of work and advantage at interview). * Proven and demonstrable track record of exceptional project delivery and client satisfaction in both technical and commercial aspects. * Good communication skills. * Experience in using other software packages desirable, such as: CADDuct/FabMEP, Navisworks, Pointsense, Leica Cloudworx/Cyclone Register, Leica Truview, Leica Jetstream. * Experience of uploading models/drawings to EDMS system. * Works effectively with others to achieve common goals. * Able to respond successfully to changing demands and conditions. * A commitment to work and operate in accordance with relevant national and international codes and standards, and codes of conduct. * Ability to clearly set work objectives and priorities. * Reliable, enthusiastic, hard-working, and able to priorities using their own initiative * A pro-active, can-do attitude is a must * Good attendance and time keeping * Highly motivated and committed to doing an excellent job * Able to work with a variety of tasks * Security Clearance to SC or DV level an advantage. |