

Role summary

We have an exciting opportunity for a MEP BIM Coordinator to be part of our multidisciplinary engineering team in London. You will be required to work autonomously or with a team to develop the successful projects through clear strategy and proactive commitment nationally and internationally.

Role definition

Job Title: MEP BIM Coordinator

Reporting to: Line Manager, Partner and ultimately to the Senior Partner

Responsibilities

- Develop/Update, implement and maintain BIM Workflow, protocols, and standards within the MEP Engineering Team
- Liaise and coordinate with MEPF engineers queries e.g. relating to coordination, Revit - views/families/templates
- Liaise and coordinate with BIM Specialist / BIM Technicians / BIM & Design System Lead / BIM Technical Manager in other Architecture Studios, Structural Team and Foster + Partners BIM Management Team
- Full project setup from scratch using Foster + Partners standards
- Organise, configure, and maintain projects
- Manage Revit project production and project contents and Standard Library objects
- Create and maintain clash detection processes, including rules creation, workshops, and action tracking
- Coordinate multidisciplinary models
- Mentoring of core BIM design systems and Foster + Partners best practices
- Act as BIM Coordinator (MEP Engineering) for major projects
- Provide day-to-day BIM Technical support to the engineers
- Reviewing and preparing BIM Execution Plans, BIM Scope of work and contractual documents
- Present 3D models via live walkthroughs to internal and external stakeholders
- Assess the BIM capabilities of the project team, adjust the workflow and arrange training accordingly

Qualities and skills required

- Able to demonstrate the ability to undertake the above responsibilities
- Minimum 3-5 years working experience working as a CAD/Revit Technician for Building Services on medium/large scale projects in Autodesk Revit and associated technologies
- In-depth knowledge of latest version of Autodesk Revit and Navisworks, with experience of creating search sets, running clash detection, and producing clash reports
- Ability to work use other CAD Packages for data conversion i.e. AutoCAD, Rhino
- Creation and maintenance of Revit families. Knowledge of parametric modelling, and good practice in family creation

- Setting and maintaining auto-run timed scheduled Revit tasks
- Able to produce visual images for marketing
- Excellent organisational skills and communications skills, both written and verbal
- Able to manage sensitive and often confidential information
- Self-motivated and able to take responsibilities

Desirable

- Knowledge of Dynamo and Scripting languages
- Knowledge of Revit Add-Ins (BT Tools, RTV Tools, Ideate Software, Enscape)
- Knowledge of Adobe Creative Suit especially Photoshop, InDesign, Premiere Pro
- Knowledge of Microsoft Office especially Excel
- Higher education degree and/or BIM Qualifications: BRE Academy or similar

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.

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