

PHE BIM Coordinator M/F

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Company: Egis

Location: United Arab Emirates

Category: healthcare-practitioners-and-technical

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

PHE BIM Coordinator M/F

Contract type

Permanent contract

Job description

High level of skill and experience on Revit MEPF, Structure and other Building services

Fully conversant with BIM with the ability to fully configure collaboration

Full understanding of LOD Specifications

Ability to lead & Guide a team of junior BIM / Modelers/ Engineers

Training and upskilling project delivery teams in BIM processes and tools.

Working knowledge and proficiency with the following: Collaboration and data management solutions: BIM Suite, Assemble, Synchro, Navisworks, and BIM-enabled estimating tool

Knowledge of Industry BIM standards, processes and general approaches

Responsible for Planning, Scheduling, conducting and coordinating the technical and management aspects on multidisciplinary projects.

Responsible for implementing Revit standards, templates, and Revit family creation.

Providing Revit support the MEP department on design and technical issues.

Collaborating 3D models with Structural, Architectural, and MEP for coordination reviews.

Setting up projects to comply with the relevant CAD/BIM Standards.

Establishment of documented processes, procedures and workflows.

Initiate model for each project and prepare for the production team.

Break down of Model and distribution among team members.

Monitoring standards followed keeping model size under control.

Managing interoperability of BIM and design / Engineering tools.

Profile

Proficiency in BIM Software: Mastery of BIM software is essential. Familiarity with Autodesk Revit, AutoCAD MEP, Autocad and Navisworks / ACC-BIM

PHE System Knowledge: In-depth understanding of PHE systems, including different types of equipment, piping, controls, and their interactions within a building's structure, Drainage, Wataer, Fire Fighting, GAS etc

Building Systems Coordination: The ability to coordinate MEP systems with other building systems (structural, architectural, MECHANICAL, Plumbing, etc.) to identify and resolve clashes or conflicts

3D Modeling and Visualization: Proficiency in creating accurate 3D models and visualizations of MECHANICAL systems to communicate design concepts effectively.

AutoCAD Skills: Knowledge of AutoCAD for detailed drafting and documentation of MECHANICAL systems is often a requirement in this role.

Documentation: Ability to generate detailed PHE drawings, schematics, and specifications for construction and permit applications.

Time Management: Efficient project management and time management skills to handle multiple projects, meet deadlines, and ensure project progression.

Communication: Effective communication skills, both written and verbal, to convey complex technical information to various team members.

Quality Control: Ability to review BIM models for accuracy, completeness, and coordination with project requirements.

Attention to detail in maintaining data integrity within the BIM model.

Implementation of quality control processes to ensure model accuracy.

COBie : Strong knowledge of COBie implementation/delivery deliverables at LOD .

Problem resolving : Ability to effectively prioritize tasks and solve problems.

Standards : Extensive knowledge of BS , PAS , ISO series, BIM Form

Continuous Learning: A commitment to staying updated with the latest BIM software advancements, MEP industry trends, and best practices.

Detail Orientation: A keen eye for detail to ensure the accuracy and quality of BIM models and documentation.

Adaptability: The capacity to adapt to changing project requirements and technologies.

Quality Control: Ability to review BIM models for accuracy, completeness, and coordination with project requirements.

Dynamo : Proficiency in Dynamo scripting tools would be of advantage.

Coordination and Clash Detection: Expertise in coordinating MEP systems with architectural and structural elements. Proficiency in using clash detection tools to identify and resolve conflicts between MEP systems and other building components.

Position location

Job location

Middle-East/North Africa, United Arab Emirates

City

Dubai

Candidate criteria

Minimum level of education required

6-Engineers degree

Minimum level of experience required

Over 10 years

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