



## **Job/Role Description**

### **Revit Technician – MPAMOT**

#### **Office Location: TBC**

#### **1. Introduction**

MPAMOT is a multisector consultancy providing engineering, management, and development services on projects. With over 200 of the best people working on a diverse range of challenges, we're helping our clients deliver sustainable infrastructure and development solutions. We have a collegiate and collaborative culture which values equality and diversity, and we take proactive steps to create an inclusive workplace.

#### **2. Key Roles:**

- We're looking for an experienced Revit Structures modeler / draughtsperson who has experience within Structural Engineering and working within a BIM environment. This role will provide opportunity to work on some of the most innovative and exclusive projects that MPAMOT are involved with, in South Africa. We require Revit models, consistent with company standards on multiple multi-disciplinary projects.
- The candidate will be required to formalise design sketches received from the professional team and report on coordination and clash detection. The drawings must incorporate all technical aspects.
- Structural steel and concrete reinforcement detailing (2D and 3D) will form part of the duties.
- Understanding of the iterative process of multi-disciplinary building projects.

#### **3. Key Responsibilities:**

- Set up, modify, and take ownership of Revit models and drawings for structural team members on the company server, whilst ensuring compliance with company and national standards.
- Implement best practice procedures.
- Rebar detailing experience, good understanding of SANS10100 and SANS10144
- Structural steel detailing experience advantageous.
- The production of 2D drawings from the Revit model.
- Coordinating drawing production in line with project requirements and in conjunction with other clients and other disciplines, sometimes external to MPAMOT.
- Helping to technically deliver Revit projects in the role of CAD and BIM coordination.
- Ability to meet tight deadlines and the ability to work alone, or within a team.
- Thorough knowledge of and compliance with MPAMOT procedures and standards.
- Good working knowledge of Revit.
- Experience in the building services environment.
- Good knowledge of Mechanical, Electrical and Civil Engineering terminology.
- Excellent communications skills, both written and verbal.
- Excellent organizational skills.
- Ability to manage sensitive and sometimes confidential information.
- Self-motivated and be able to take responsibility.
- Able to demonstrate initiative and a proactive approach to daily tasks.
- Revit experience on LOD400 project delivery level.
- Attend site meetings during construction with Engineers and contractors for the updating of designs and models.
- Maintain and develop Revit families and standards.



- Drive project documentation issue procedures via the various online platforms.
- Work on improving workflows, testing new tools, versions and procedures and share this knowledge with team members.
- Document control (manage and prepare drawing registers and transmittals).

### **3. Qualifications and Experience required:**

- Grade 12
- Minimum 5 years or more experience
- Project management and/or engineering related qualification advantageous
- “Autodesk Certified Professional: Revit Structures” accreditation advantageous
- Successful completion of projects using Revit as a delivery tool. The candidate may provide examples in their application
- Knowledge of Microsoft Office 2010 or higher Relevant training will be given to suitable candidate
- Minimum of 5 years of relevant experience
- Knowledge of project delivery life cycles and the associated planning processes
- Experience on BIM360 (docs and design)
- Site Supervision experience advantageous

### **4. Salary:**

- Market-related salary plus benefits

### **5. Location:**

TBC

**All applications should please be forwarded to [careers@mpamot.co.za](mailto:careers@mpamot.co.za)**