

Electrical BIM Modeller

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Company: UGL

Location: Eastern Suburbs

Category: architecture-and-engineering

UGL'S Utilities team designs, constructs and maintains critical infrastructure across the water and power sectors. Ranging from wastewater treatment plants to power stations. We design and construct the following assets; power generation, transmission lines, substations, electrical distribution networks, water and waste water treatment plans and water pipelines.

Our Utilities team works hard and celebrates successes and efforts. If you are looking for a bright future and opportunity to grow your career, then join UGL – a great place to work!

UGL is currently looking for an experienced Electrical BIM Modeller to become a key member of the Power Utilities teams based in Sydney. You will be responsible for providing detailed designs, developing specifications and interface with management on design issues

About the Role

- Responsible for Digital Engineering standards and development, implementation, and management.
- Utilize advanced digital engineering tools and software to model electrical engineering projects within the utilities sector.
- Experience in high voltage electrical assets including Substations and/or Power Stations is highly regarded.
- Collaborate closely with engineering teams to develop detailed 3D models for utility infrastructure projects, including major energy, transmission lines, substations, power stations, solar/BSS, pipelines, water treatment facilities, dams, and more.

- Lead the development and implementation of BIM (Building Information Modeling) strategies and workflows to streamline project delivery and improve efficiency.
- Generate accurate digital representations of existing infrastructure and proposed designs, incorporating data from surveys, CAD drawings, and other sources.

About You

- An in-depth working knowledge of current DIGITAL ENGINEER practices & ability to assist project teams in DIGITAL ENGINEER project setup.
- Previous experience working within a complex Utilities or major infrastructure projects.
- Well-developed skills to write technical documentation/reports.
- Programming language C++, Python or similar
- Revit / Navisworks / Revizto / AutoCAD - Expert level
- Dynamo and Automation experience using other softwares

What we offer

- Diverse opportunities to grow, back yourself and achieve
- The chance to join a 6,000+ strong organisation owned by the CIMIC Group, one of the world's leading international contractors

Pathways for you to succeed and the space for you to carve your own journey

- Competitive group remuneration and benefits including: health and wellbeing program with company-funded salary continuance insurance
- Flexible work arrangements - have a chat to us around how this can work for you
- A culture that values diversity and innovation, evolving with market changes and new technologies

What makes you right for UGL

- Genuine concern for safety
- Capacity to flourish in a high-performance environment
- An innovative mindset and a willingness to challenge the norm
- A belief that success and value are driven by real teams where everyone has a role to play

About Us

UGL is well-known and respected for providing end-to-end engineering, construction and maintenance services within, rail and transport, communications and technology systems, oil and gas, power, renewables and resources, water and defence markets. UGL partners with some of the world's largest blue-chip companies and government agencies, private enterprises, and public institutions. We are a member of the CIMIC Group of companies.

At UGL, we value diversity – in the backgrounds, ideas, work styles and perspectives of our team. We are an Equal Opportunity Employer and strongly encourage people with disability, Aboriginal & Torres Strait Islander people, mature aged workers, and people from culturally diverse backgrounds to apply.

Please note that relevant screening checks will be conducted as part of the recruitment process. These may include a national criminal history check and for you to undergo pre-employment medical assessment including drug and alcohol screen.

UGL does not accept unsolicited resumes from recruiters or recruitment agencies.

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