

## Role Profile

Rendel Limited, an Ingérop company, is a London based multidisciplinary international design and engineering consultancy firm. We provide customer-focused engineering and technical solutions to clients on major engineering construction projects worldwide.

We are involved in schemes through their full life-cycle including development; planning; detailed design; independent design checking; value engineering; technical advisory; and construction supervision services. Rendel's origins date back to 1838, making us one of the oldest civil engineering consultancy companies in the UK.

We are proud of our track record of success in global construction markets, providing technical solutions for many complex infrastructure projects, notably bridges, geotechnical, highways, ports and maritime, rail systems and tunnels (including immersed tube tunnels). Current major projects include HS2, Padma Bridge and Al Zour Refinery.

<b>JOB TITLE</b>	Senior BIM/CAD Technician
<b>LOCATION</b>	London or Birmingham
<b>TRAVEL</b>	A willingness to travel is beneficial
<b>MINIMUM REQUIREMENTS</b>	<ul style="list-style-type: none"> <li>▪ Substantial experience working with Bentley Microstation</li> </ul>
<b>JOB DESCRIPTION</b>	
<b>DUTIES AND RESPONSIBILITIES</b>	
<ul style="list-style-type: none"> <li>▪ Undertake work in BIM modelling, 2D design (surface modelling), or 3D design (solid modelling)</li> <li>▪ Create 3D displays of structures or other infrastructure for engineers or clients to take 'virtual tours' or identify clash detection</li> <li>▪ Use designs to help prepare cost estimates on projects</li> <li>▪ You will normally work in a small team, with others working on a different part of a project under the guidance of a design engineer</li> <li>▪ Prepare dimensional drawings, construction drawings and more complex drawings</li> <li>▪ Revise and update existing drawings reflecting design changes, in collaboration with your team, supervisors and other external parties to ensure consistent documentation of the project</li> <li>▪ Review plans, specifications and other documentation and maintain notes and other documentation for future reference.</li> <li>▪ Establish filing guidelines for drawings to maintain up-to-date drawings</li> <li>▪ Undertake assignments in the UK and overseas, as directed</li> <li>▪ Adopt procedures for standardisation of work products and deliverables, and peer review to ensure consistency and excellence in service delivery of the Company's technical work product</li> <li>▪ Adhere to Company procedures in the management, delivery and administration of Services</li> <li>▪ Embrace organisational change and appropriately modify behaviour and attitudes as required</li> <li>▪ Have an understanding and awareness of the company values and business plan and your contribution to both</li> <li>▪ Observe and maintain Company Health and Safety Policy across all activities</li> <li>▪ Undertake other reasonable duties as requested</li> </ul>	

## PERSON SPECIFICATION

### KEY EXPERIENCE AND QUALIFICATIONS

- Undertaking or completed a Technician level qualification in drafting (e.g. HND/HNC)
- Substantial experience working within design and drafting teams
- Some knowledge of Eurocodes and other relevant national and international industry standards and procedures
- Competent in:
  - MS Office Programmes
  - AutoCad Suites, including 3D programmes
  - Tekla
  - AECOSim
  - Revit
  - Bentley 3D Microstation packages (InRoads, InRail etc).

### COMPETENCIES

- **Technical:** Excellent problem solving and analytical skills. Able to use design skills to propose and deliver practical solutions to deadline
- **Communication:** Good interpersonal skills; ability to communicate effectively to all levels both internally and with external clients. Capable of presenting and producing written reports to a high standard
- **Critical Thinking:** Ability to respond quickly to changing circumstances whilst maintaining a clear view of overall priorities. Ability to work under pressure and ensure deadlines are met, whilst delivering high quality work
- **Team:** Strong team work to contribute to and collaborate with multi-disciplinary teams. Also able to work independently to a high standard

### PERSONAL STYLE AND BEHAVIOUR

- Self-motivated and committed, with a high degree of integrity
- A team player who seeks to positively contribute to the working group with a collaborative attitude
- Convincing in terms of a capacity to translate objectives into effective practical steps
- Able to perform effectively within changing environments; demonstrates willingness and flexibility of availability to meet business needs
- Demonstrates a strong need to achieve, setting high standards for self and others. Committed to the value of own role, takes initiative and focuses on improving business performance
- Commitment to own personal development