

## Role Profile

Rendel, an Ingérop Group company, is an international, multidisciplinary design and engineering consultancy, headquartered in London with offices in Birmingham, Bristol and Sydney, Australia. We provide client-focused engineering and technical solutions on major engineering construction projects worldwide in the infrastructure, energy and industry sectors, and working with contractors, international monetary funds and developers.

We are involved in schemes at all stages of the 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 consultants in the UK.

We are proud of our global track record, providing technical solutions for many complex infrastructure, energy and industry projects. Our experience includes bridges, ground engineering, highways, ports, industry, energy, rail systems and tunnels. Current major projects include HS2 rail and Hinkley Point C nuclear power station in the UK; Padma Bridge in Bangladesh; the Kampala-Jinja Expressway in Uganda; Hay Point Coal Terminal Berth 2 in Australia; and the Port of Abidjan in Côte d'Ivoire.

<b>JOB TITLE</b>	Senior Structural Engineer
<b>LOCATION</b>	Birmingham
<b>TRAVEL</b>	A willingness to travel is essential
<b>MINIMUM REQUIREMENTS</b>	<ul style="list-style-type: none"> <li>▪ Degree Qualified and Chartered Civil Engineer</li> <li>▪ Structural engineering experience as Assignment Manager</li> </ul>
<b>JOB DESCRIPTION</b>	
<b>DUTIES AND RESPONSIBILITIES</b>	
<ul style="list-style-type: none"> <li>▪ Undertake and lead assignments in the UK and overseas</li> <li>▪ Assist Market Sector Directors to source and develop business opportunities, producing tenders, and build client relationships</li> <li>▪ Assist and support the development and maintenance of a high level of technical capability to deliver the service offerings targeted</li> <li>▪ Deliver engineering solutions and report results to managers and clients</li> <li>▪ Undertake structural design and analysis using design software across a broad range of structural types and using various international standards</li> <li>▪ Monitor staff time and budgets against assignment programme and agree appropriate actions where necessary</li> <li>▪ Assist in the management of the design process that may include other related design disciplines/teams</li> <li>▪ Assist with coordinating design as part of an internal team and liaising with external associated professionals and our clients</li> <li>▪ Assist with the organisation and management of the technical staff, acting as a line manager as required, supporting staff recruitment, training, CPD and implementation of 'Best Practice' and procedures</li> <li>▪ Assist Graduates through the processes and requirements for completion of their Chartership</li> <li>▪ Assist in providing appropriate resources for the successful delivery of assignments, maximising fee income</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>▪ Implement and adhere to Company procedures in the management, delivery and administration of Services</li> <li>▪ Maintain strong relationships with other disciplines within the firm</li> <li>▪ Embrace organisational change and influence others to 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 &amp; Safety Policy and Environment Policies across all activities</li> </ul>	

- Undertake other reasonable duties as requested

## PERSON SPECIFICATION

### KEY EXPERIENCE AND QUALIFICATIONS

- Professionally qualified and Chartered Civil Engineer, ideally with a post graduate qualification in a relevant subject
- Extensive knowledge of Eurocodes and relevant national and international industry standards, contracts, methodologies and procedures
- Experience at Assignment Manager and Designer level with a proven record of managing and delivering assignments to programme and budget
- Experience predominantly in large scale (c.£100m+), high profile infrastructure projects, for a range of Clients in various construction market sectors
- Proven ability to build, maintain and develop relationships with clients
- Proven track record of business development, delivering against set objectives and achieving company targets
- People management experience e.g. general employee welfare, carrying out appraisals, training and development, involvement in resourcing and recruitment activities would be beneficial
- Ability to identify and act on opportunities for growth on assignments

### COMPETENCIES

- **Technical:** Strong skills and knowledge, undertakes tasks in a cogent manner involving the wider team as needed
- **Communication:** Strong interpersonal skills; ability to communicate, listen and influence all levels of people effectively. Excellent reporting / writing and strong presentation skills
- **Critical Thinking:** Ability to respond quickly to changing circumstances whilst maintaining a clear view of overall priorities. Ability to work under pressure to ensure deadlines are met, whilst maintaining a high quality of work
- **Team:** Excellent team working skills; able to lead, contribute to and collaborate with multi-disciplinary teams in a matrix environment
- **Leadership:** Demonstrates high standards, seeks to exceed client expectations and create a collaborative and supportive environment. Mentoring skills to train and develop other engineers and technicians
- **Project Management:** Results orientated with a strong drive to deliver success, a proven ability to manage small – medium budgets, projects and programmes of work to agreed targets and priorities. Able to make timely, rational decisions with the information available and understands when to seek guidance and support

### IT SKILLS

- Knowledge and experience in structural analysis/finite element software such as:
  - LUSAS
  - MasterFrame
  - RM Bridge
  - SAM (Autodesk Structural Bridge Design)
- Excellent Microsoft Office abilities (particularly Excel)
- Programming / scripting knowledge

### 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