

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.

JOB TITLE	Graduate Highway Engineer
LOCATION	London
TRAVEL	Willingness to travel is essential
MINIMUM REQUIREMENTS	<ul style="list-style-type: none"> ▪ Accredited First Class/2:1 Masters Degree in Civil Engineering ▪ Graduate Member of appropriate professional body ▪ Ambitions to become a Chartered Engineer
JOB DESCRIPTION	
DUTIES AND RESPONSIBILITIES	
<ul style="list-style-type: none"> ▪ Undertake assignments in the UK and overseas, as directed ▪ 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 ▪ Design of roads, junctions and NMU assets in accordance with DMRB and other relevant Standards ▪ Design of traffic signs, signals and road marking ▪ Prepare and maintain design risk assessments in accordance with CDM Regulations ▪ Highway inspection and onsite works supervision in the UK and overseas ▪ Evaluating engineering problems and providing workable solutions which address issues during design and implementation ▪ Working proactively and supporting project managers in the delivery of highways engineering and public realm projects including investigations and scheme design, the preparation of drawings, scheme costs and reports ▪ Preparation of scheme drawings from feasibility design through to detailed design ▪ Adhere to Company procedures in the management, delivery and administration of Services ▪ Working with planners, traffic modellers, architects, landscape architects, master planners and clients as required on technical aspects of projects ▪ Embrace organisational change and appropriately modify behaviour and attitudes as required ▪ Have an understanding and awareness of the company values and business plan and your contribution to both ▪ Observe and maintain Company Health and Safety Policy across all activities ▪ Undertake other reasonable duties as requested by your assignment or line manager 	
PERSON SPECIFICATION	
KEY EXPERIENCE AND QUALIFICATIONS	

- First Class/2:1 Masters Degree in a relevant discipline
- Basic knowledge of UK Standards (such as Eurocodes, DMRB) or other relevant national and international industry standards
- Basic awareness of forms of contract, construction methodologies and civil engineering procedures
- Desire to work in a consultancy environment on large scale infrastructure projects
- Competent in the use of MS Office programmes and ability to develop competence in use of proprietary highways design programmes to suit specific role requirements

COMPETENCIES

- **Technical:** Strong problem solving abilities, analytical and numeracy skills; highly results orientated
- **Communication:** Good interpersonal skills; ability to communicate effectively to stakeholders
- **Critical Thinking:** Able to work under pressure and ensure deadlines are met whilst maintaining high quality work
- **Team:** Strong team working to contribute to and collaborate with multi-disciplinary teams

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 and obtain Chartership status