

Role Profile

Rendel Ingérop Pty has an exciting opportunity for an **Experienced Engineer** to join our highly qualified and expanding team in Perth, working alongside colleagues from our subsidiary Aspec Engineering. The successful applicant will report directly to a Director, providing a unique opportunity for mentorship and career growth.

As a subsidiary of Rendel Ltd and part of the Ingérop Group, we are a multidisciplinary design and engineering consultancy. Rendel is headquartered in the UK, with our Australia team based in Sydney. Rendel's origins date back to 1838 and our projects in Australia date back to 1952. Today, we are proud to provide client-focused engineering and technical solutions on major engineering construction projects worldwide in the infrastructure, energy and industry sectors.

Our experience includes bridges, tunnels, ground engineering, highways, ports, industry, energy and rail. Our team is currently working on major projects including Stanley Point SP3 Expansion, Sydney Gateway, Melbourne Metro and Hay Point Coal Terminal.

JOB TITLE	Experienced Engineer
LOCATION	Perth, Australia
TRAVEL	A willingness to travel is essential
MINIMUM REQUIREMENTS	<ul style="list-style-type: none"> ▪ Degree Qualified Engineer with experience in a design consultancy ▪ Structural engineering experience on major infrastructure projects for a range of clients, in various construction market sectors
JOB DESCRIPTION	
DUTIES AND RESPONSIBILITIES	
<ul style="list-style-type: none"> ▪ Undertake structural design and analysis using design software across a broad range of structural types and using various international standards ▪ Deliver engineering solutions and reporting results to managers and clients ▪ Assist in the management of the design process that may include other related design disciplines/teams ▪ Coordinate design as part of an internal team and liaise with external associated professionals and our clients ▪ Undertake and support the leadership and delivery of assignments, maximising fee income ▪ Assist and support the development and maintenance of a high level of technical capability to deliver the service offerings targeted ▪ Support 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 ▪ Adopt procedures for standardisation and peer review to ensure consistency and excellence in the service delivery of the Company's technical work product ▪ Uphold the Company Health & Safety and Environment Policies across all activities ▪ Undertake other reasonable duties as requested 	
PERSON SPECIFICATION	
KEY EXPERIENCE AND QUALIFICATIONS	
<ul style="list-style-type: none"> ▪ A degree qualified Civil Engineer, working towards Chartership with Engineers Australia ▪ At least 4 years' experience of hands-on engineering design and analysis ▪ Working knowledge of structural processes and design, with a particular emphasis on data interpretation, design & analysis, construction and advanced numerical modelling 	

- Structural design experience including bridges, foundations, retaining structures, marine structures, jetties etc.
- Working knowledge of Australian Standards and other national and international industry standards, contracts, methodologies and procedures
- Experience of computer analysis of structures and design of structural elements in common materials i.e. steel, concrete, composite
- Experience should include large scale (c. \$200m+), high profile infrastructure projects

COMPETENCIES

- **Technical:** Excellent problem solving and design skills with ability to deliver practical solutions
- **Communication:** Good interpersonal skills, ability to communicate effectively to all levels both internally and with external clients. Excellent reporting writing skills
- **Critical Thinking:** Ability to think and act operationally 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 maintaining high quality output
- **Team:** Exceptional team working skills to be able to contribute to and collaborate with multi-disciplinary teams, but also has the capacity to work independently to a high standard, as the assignment nature dictates. Mentoring skills to train and develop other engineers and technicians and demonstrates high standards as an example for others
- **Business Acumen:** Results oriented with a proven ability to work to defined, agreed targets and priorities

IT SKILLS

- Knowledge and experience in structural analysis/finite element software such as:
 - Robot
 - Strand 7
 - SPACE GASS
 - 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