



Principal Consultant - Train Controls & Signalling

Systra Scott Lister • Brisbane CBD QLD

 Base pay
\$0 - \$0

 Work type
Full Time

 Contract type
Permanent

Perks

PAID PARENTAL LEAVE

Skills

SELF MOTIVATED

CHANGE MANAGEMENT

ASSAY SYSTEM

FEASIBILITY

LIFE CYCLE

OPERATIONS MANAGER

SYSTEMS ENGINEERING

Full job description

SYSTRA is a global engineering consultancy that provides services across transportation, technology and security sectors. With more than 7,500 professional employees, our engineering capabilities ensure we deliver world-class, safe and sustainable solutions to projects around the world.

When you join SYSTRA you can expect to be part of a connected, passionate team that are motivated to find innovative solutions. SYSTRA is committed to fostering a diverse and inclusive workplace that values difference. We provide a collaborative environment, supporting our employees to achieve career goals and maximise potential.

Reporting to the Operations Manager (QLD), the Principal Consultant of Train Control & Signalling will be part of a multi-disciplined team playing an active role in the successful delivery of Metro, Heavy & Light rail and other related


Job details

 Date posted
11 Jun 2021

 Expired On
09 Jul 2021

 Category
Engineering

 Occupation
Electrical & Electronics Engineer

 Base pay
\$0 - \$0

 Contract type
Permanent

 Work type
Full Time

 Job mode
Standard/Business hours

 Work Authorisation
AUSTRALIAN CITIZEN / PERMANENT RESIDENT

transport projects. This position will provide you with the opportunity to apply your train controls & signalling expertise in a collaborative environment..

The role:

- Provide technical advice during different stages of the project life-cycle from feasibility to design and from construction to system integration & commissioning.
- Produce and review technical deliverables such as technical option reports, engineering principles, detail designs and test procedures etc.
- Apply system engineering techniques to support the production of technical deliverables (e.g requirement traceability, system modelling, configuration management etc.)
- Work with a wide range of System Assurance teams (including Safety & Human Factors etc) to support the demonstration that the systems deployed are fit for purpose.
- Support business readiness teams to analyse and understand the impact of technical decisions on the process and people aspects of the system.
- Work with clients to understand essential objectives and desired outcomes for each project.

Requirements and experience:

- Bachelor or higher-level qualifications in a relevant/related Engineering discipline or Systems Engineering is essential.
- Be working towards a chartered or equivalent professional status from a relevant Institution (e.g. Engineers Australia, RPEQ).
- 10-15 years' experience in a Rail Signalling, or Control Systems / Traffic Management Systems, or modern Train Control technologies (e.g. ETCS, CBTC).
- Demonstrated experience in feasibility, system or preliminary design phases or system testing on a project of technical relevance.
- Experience in applying systems engineering techniques.
- Experience of having worked in a project subject to CENELEC - based safety demonstration.
- A thorough knowledge of industry standards for Train Control Systems (ETCS, CBTC, etc).
- The ability to work to timeframes with a high degree of organisational, analytical and problem-solving skills with a self-motivated and proactive approach.

Benefits of working at SYSTRA:

- Competitive remuneration package.
- Ongoing professional development, including support to obtain Chartership status.
- Continuous learning & development opportunities.
- Professional memberships and subscriptions.
- Flexible working options.

- Paid parental leave.
- Diverse & inclusive work environment.
- Work 180 endorsed.
- Generous employee referral incentives.

At SYSTRA we provide a flexible working environment and value diversity of thought and experience. We encourage applications from Aboriginal & Torres Strait Islanders and individuals from diverse backgrounds. **Our values are centred around Connected Teams, Engineering Excellence and Bold Leadership.**

Interested? Please click on the apply details below.

Please note that we do not accept unsolicited resumes, we do however, appreciate your interest.