

Senior Bridge Engineer

AECOM • Perth TAS 7300

 Base pay
\$0 - \$0

 Work type
Full Time

 Contract type
Permanent

Job details

 Date posted
14 Jul 2021

 Expiring date
01 Feb 2022

 Category
Engineering

 Occupation
Civil & Structural

 Base pay
\$0 - \$0

 Contract type
Permanent

 Work type
Full Time

 Job mode
Standard/Business hours

Full job description

Australia - Western Australia, Perth

Job Summary

In this role you will primarily assist with the delivery of bridge engineering projects for our Transportation Bridge Team.

While your main duties will be technical work, you will also be required to undertake client liaison, work package scoping, preparing costs estimates, negotiating variations, technical supervision and mentoring of work package teams, and cost and schedule monitoring to deliver bridge engineering work packages.

The position requires the ability to provide leadership and mentoring to small and medium sized design teams in development of repair schemes and detailed designs of highway and railway bridge structures. Design will often be carried out in close collaboration with design teams from other disciplines and will often involve client liaison.

- Timely execution of design packages, working within project time frames and the requirements of approval processes.
- The ability to introduce innovative ideas.
- Compliance with relevant codes and standards.
- Actively participate in and contribute to the technical aspects of projects to achieve accuracy of design.
- Successfully manage small to medium sized projects.
- Escalate issues or problems where appropriate.

- Manage risks associated with project delivery
- Client satisfaction (clients, government departments, contractors).
- Assist the Team Leader - Bridges to deliver the growth, diversification and stability targets set out in the business group budget.

Minimum Requirements

- Experience in bridge design, including detail design, inspection, assessment, and strengthening and repair of bridge structures.
- Approximately 7 – 12 years in bridge structures design.
- Exposure to structural analysis packages such as ACES SPACEGASS, Autodesk Structural Bridge Design (SAM/LEAP), LUSAS
- Familiarity with Main Roads WA requirements is desirable.
- Knowledge of Primavera P6/MS Project (desirable)
- Successful track record leading small and medium sized projects
- Communication skills – writes clear and succinct messages? communicates with passion and conviction and can influence others? is an attentive and active listener? able to communicate at all levels.
- Demonstrated commercial acumen, and ability to develop a client base.
- Knowledge of the market for consulting services.
- High level of general computer skills, e.g. Microsoft Excel, Microsoft Project, or/and other project management applications, Microsoft Word and Power Point, Primavera P6 (desirable).

Preferred Qualifications

- Appropriate tertiary qualification

What We Offer

When you join AECOM, you become part of a company that is pioneering the future. Our teams around the world are involved in some of the most cutting-edge and innovative projects and programs of our time, addressing the big challenges of today and shaping the built environment for generations to come. We ensure a workplace that encourages growth, flexibility and creativity, as

well as a company culture that champions inclusion, diversity and overall employee well-being through programs supported by company leadership. Our core values define who we are, how we act and what we aspire to, which comes down to not only delivering a better world, but working to “make amazing happen” in each neighborhood, community and city we touch. As an Equal Opportunity Employer, we believe in each person's potential, and we'll help you reach yours.

Job Category Engineering - Transportation - Bridges

Business Line Transportation

Business Group Design and Consulting Services Group (DCS)

Country Australia

Position Status Full-Time

Requisition/Vacancy No. 228724BR

Clearance Required No

Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity, disability or protected veteran status.