

Dams Engineer - Geotechnical

AECOM • Port Melbourne VIC 3207



Base pay
\$0 - \$0



Work type
Full Time



Contract type
Not provided

Job details



Date posted
23 Mar 2021



Expired On
20 Dec 2021



Category
Engineering



Occupation
Other



Base pay
\$0 - \$0



Work type
Full Time



Job mode
Permanent

Full job description

Job Summary

The AECOM Dams Group is one of the foremost dams consultancy businesses in Australia. We have leading experts in the fields of geotechnical, structural, risk assessment and dam design. We have worked on some of the largest dam projects in Australia such as, Hinze Dam and Dartmouth Dam. We are looking for an experienced geotechnical engineer with at least eight years of experience (preferably working on dams projects) to join our team.

What can the dams team at AECOM offer you?

- You will work in a team that often wins work purely on the strength of its people and collaborative approach to dealing with complex problems.
- We have lots of interesting and exciting projects that we are currently working on.
- We value innovation and creative thinking.
- Our senior leadership is strong in technical mentoring, and values the development of staff.

Your role will involve:

- Being part of the dams team providing geotechnical design and civil design services to the various business lines within the Melbourne office and within Asia-Pacific, including dam and other infrastructure projects;
- Preparation of tenders and proposals;

- Leading and supporting project teams to undertake the following:
- Investigation and condition assessment of existing dams.
- Scoping and undertaking geotechnical investigations, including interpretation of foundation conditions and characterising the engineering properties of foundation and construction materials.
- Concept design development for embankment dams (water storage), including tailings dams.
- Engineering input to the selection and specification of dam construction materials including earthfill, engineered filter and rockfill materials.
- Documenting the engineering designs, inspection reports and surveillance works undertaken.
- Preparation of detailed design drawings and technical specifications for construction.
- Construction support services including inspection of works, evaluation of quality control and quality assurance data and construction reporting.

Minimum Requirements

Ideally, you will have:

- At least eight years of experience in geotechnical engineering and design is essential (dams experience preferred)
- Demonstrated capability in geotechnical design, including the preparation of design reports, design drawings and specifications
- Excellent report writing and verbal communication skills
- Well developed planning and organisational skills.

Preferred Qualifications

- A degree in Civil or Geotechnical Engineering or a related discipline (Essential).

Benefits at AECOM

AECOM is a place where you can maximize your innovative thinking and collaborate with a diverse range of highly intelligent and talented people. It's a

place where you can apply your skills to some of the world's most challenging, transformational, and iconic projects.

We're an Equal Opportunity Employer and we've committed to creating a culture that embraces flexibility for all team members. We provide a diverse and inclusive work environment and offer many benefits to ensure your professional development & wellbeing.

- Flexible start and finish times, working from home, part-time and job share options
- Working from Home Tool Kits + Mobile Phone
- State of the art, modern and contemporary offices
- Paid Parental and Partner Leave
- Purchased additional annual leave + salary packaging
- Corporate Employee discounts from up to 400 retailers
- Wellbeing benefits e.g., vaccinations, health insurance discounts
- Employee stock purchase plans
- Professional memberships
- Professional and technical development opportunities.

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 - Civil

Business Line Water

Business Group Design and Consulting Services Group (DCS)

Country Australia

Position Status Full Time

Requisition/Vacancy No. 246020BR

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.