

Geotechnical / Nature-Based Solutions / Geogrid Specialist

SMEC • Brisbane QLD 4000



Base pay

\$130,000 - \$150,000



Work type

Full time



Contract type

Permanent

Job details



Date posted

13 Sep 2022



Category

Engineering



Occupation

Management Consultant



Base pay

\$130,000 - \$150,000



Contract type

Permanent



Work type

Full time



Job mode

Standard business hours



Work Authorisation

Australian citizen /
Permanent resident

Skills

GEOTECHNICAL

IRRIGATION

TECHNICAL SPECIFICATIONS

WATER RESOURCES

Full job description

- **Global engineering consultancy with great career opportunities**
- **Opportunity to work on a variety of interesting projects both locally and internationally**
- **Friendly working environment across the business**

About SMEC

SMEC has joined forces with Surbana Jurong to provide global engineering and consultancy expertise in urban, infrastructure and management advisory. Our new partnership has created a talent pool of 16,000 dedicated people working across a network of 120 offices in 40 countries.

SMEC employs passionate and innovative people who are driven to deliver exceptional outcomes and who want to feel valued in a diverse and inclusive workplace.

We are committed to developing our people. We encourage them to see things differently, to be creative, to push boundaries and to work on a broad range of projects that help build a better future.

Consistently recognized for technical excellence and design innovation, SMEC continues to receive industry awards and accolades from around the world. Engineering News Record (ENR) currently ranks SMEC in the top 23 of the

'2022 Top 225 International Design Firms'.

The role: This is an exciting opportunity for an expatriate/international " **Geotechnical / Nature-Based Solutions / Geogrid Specialist**" to join our Water Resources Management Projects in South Asia.

Key Responsibilities shall include the following, but not limited to:

- Shall advise on geotechnical issues related to slope stability of flood embankments and drainage channels
- Shall Advise on options for slope stability improvements for (submersible) flood embankments and drainage channels with the goal of allowing steeper side slopes to minimize the footprint, using geotextile, geogrids, or other building-with-nature approaches
- Shall Review work carried out in Bangladesh on nature based/ bioengineering, solutions, and on use of geogrids and geotextiles.
- Shall Advise on the selection of pilot projects for building-with-nature approaches focusing on slope stability improvement technologies
- Shall Assist during the preparation of technical specifications and BoQs for draft bidding documents for the pilot projects.
- Shall Monitor pilot implementation and assessment of pilot performance and prepare a pilot performance report including recommendations

Key Qualifications, Knowledge, Skills and Experience:

- He/she has Master's degree in civil engineering with geotechnical engineering specialization.
- He/she has Minimum 10 years of relevant professional work experience.
- He/she has Minimum 7 years of experience in planning, designing, and/or implementing components for water resources management including embankments and river/canal slope design.
- He/she has experience with flood embankments, irrigation and/ or drainage channel construction and management. Additional qualification considered advantageous covers design experience with roads, seepage, and liquefaction analysis.

SMEC/Surbana Jurong is an equal opportunity employer. Diversity is a source of strength for our people, our clients, our partners and our communities.

How to apply

All applications must be submitted online. To apply, click on the "Apply Now" link below and follow the prompts.

To find out more about SMEC, please visit our careers page at www.smec.com/careers

All recruitment activities go through our Resourcing function and currently, this role doesn't require agency input. Please do not forward resumes directly to SMEC employees/managers; we do not accept unsolicited resumes and are not responsible for any associated fees.