



## Position Details

<b>Job Title:</b>	<b>Civil Engineer Mentor (Voluntary)</b>
<b>Role type:</b>	Part-time (less than 25 hours per week), 3-month assignment
<b>Salary:</b>	N/A *Voluntary as part of the International Program
<b>Location:</b>	Remote - based anywhere in Australia
<b>Closing date</b>	No deadline – Applications will be reviewed on a rolling basis until the role is filled.

## Context

### About EWB Australia

Engineers Without Borders Australia (EWB) is a for-purpose organisation with our National Office and staff team located in Melbourne and volunteer chapters in Victoria, Western Australia, NSW, Queensland, South Australia and ACT.

EWB works within Australia and overseas to improve the knowledge and physical resources of people in need via grassroots engineering programs, capacity development, and sector leadership.

Established in Australia in 2004, EWB has three major focus areas:

1. developing technology to alleviate poverty and accelerate inclusive sustainable development in Australia and overseas;
2. redefining engineering as a profession providing stewardship and leadership for a more equitable and sustainable world and;
3. inspiring and mobilising a global community who believe in a world where technology benefits all.

At EWB, we strongly believe that every engineer can be a change agent for a socially just and sustainable world. This belief drives EWB to lead a movement of like-minded individuals and companies working together to ensure technology is developed to make the world a better place for all.

## **About the Partner Organisation**

*Land and Transport Authority (LTA)* aspires to sustain the provision of an improved and safe national road network for Samoa. Our core services include management of road projects ensuring compliance to acceptable standards and best engineering practices.

## **Role summary and key responsibilities**

### **Role purpose**

To build technical capacity by providing technical expertise, support and training to the technical divisions of LTA. This includes the Road Operations, Programming and Procurement Division, Savaii Office and the Project Management Division. This role will work collaboratively and respectfully with the LTA to strengthen project management, planning and budgeting for the benefit of the LTA road assets network and will work to achieve improved technical capacity through capacity building, training and mentoring of technical staff.

### **Summary**

Samoa is one of the Pacific Island countries which are more vulnerable to climate change and natural disasters including cyclones, sea level rise, flooding, landslides and earthquakes. These have affected infrastructures and transportation systems (roads, seawall, bridges, retaining wall etc.) and as such, one of the country's priorities, as stipulated in its strategy for development, is to have built and resilient infrastructure to mitigate and adapt to these climate change impacts. Therefore, this volunteer assignment is very important to LTA to help young and developing engineers to gain more experience in proper designing of structures such as culverts, bridges, retaining wall and road pavement focusing on extreme weather conditions. This volunteer can help LTA to identify technical solutions to some of the issues faced by engineers, such as bleeding of road pavement chip sealing etc. Furthermore, the volunteer can assist review some of the designs carried out by the LTA staff in house. Since Samoa faces Level 3 lockdown, the volunteer can also provide training for LTA remotely to make use of this time that all road works have been halted due to SOE restrictions. Samoa has a limited number of civil engineering consultants, who are also engaged in other design and/or supervision consultancy contracts by LTA, so a volunteer willing to support staff capacity development and work around timelines is important.

The Civil Engineer Mentor will also ensure inclusion for all people affected by the volunteer assignment in the LTA and the community, using strategies that promote gender equality, social inclusion of youth, people with a disability, marginalised groups and child protection and safeguarding.

### **Key Responsibilities**

- To build technical capacity and confidence of young civil engineering staff at LTA and other technical staff
- To assist LTA technical staff on design and/or supervision (if can be done remotely) of projects and to provide support with on- going projects and works.

- To assist LTA technical staff and engineers with building a strong organisational management scheme for technical project outcome deliverance
- Develop and/or maintain partnerships with local, regional and international organisations, local and national government, professional and peer networks.
- To peer review designs or technical reports produced by LTA technical staff
- Work together with LTA and EWB to identify future areas of collaboration.

## **Selection Criteria**

### **Essential**

- University degree in Civil Engineering, including and a member of an internationally recognised professional institution, with a speciality/advanced degree in roads engineering-related discipline.
- Minimum 15 years of experience - 10 years in roads or highways engineering and 5 years working in developing countries, particular in the Pacific Region or in countries similar to Samoa
- Commitment to teamwork, coaching and mentoring others
- Proven experience in managing projects with diverse stakeholders and tight timelines.
- Excellent communication skills, including the ability to articulate concepts and report clearly and concisely to a range of different stakeholders.
- Experience in working cross-culturally.

### **Desirable**

- Specific procurement expertise highly regarded
- Cross-sectoral skills and ability to work with team members and stakeholders from different technical backgrounds
- Experience in working cross-culturally.

## Conditions

### **Australian Volunteer Program (AVP)**

This assignment can only be offered to applications from Australian and New Zealand citizens and Australian permanent residents. After being onboarded with EWB, it will require the volunteer to undergo the [Australian Volunteers Program](#) screening and onboarding process to receive additional allowances and support, including a small weekly stipend. For a full breakdown of the support provided, please visit [here](#).

### **Time commitment**

This assignment is a 3-month flexible part-time remote position with the possibility of remote or in-country extension for the right candidate.

### **Travel**

No overseas travel will be required.

### **Allowances and support**

The volunteer will receive a small allowance.

### **Leave**

All volunteers are entitled to 20 days leave per 12 months, unless otherwise advised. Same terms and conditions as local colleagues apply, including national holidays.

## How do I apply?

Please submit your application via this [online form](#). You will need to include your CV and respond to the registration questions. Applications will be reviewed as received and the role will be held open until the candidate has been appointed. Preference is for the candidate to start this assignment as soon as possible.

If you have any questions about the position, please email [g.romano@ewb.org.au](mailto:g.romano@ewb.org.au)

### **Engineers Without Borders Australia:**

- Actively encourages Aboriginal and Torres Strait Islander People to apply.
- Celebrates diversity and supports an inclusive workplace. Please contact us to discuss any personal assistance required to complete this application.
- Can only support the applications of Australian and New Zealand citizens and permanent residents.

EWB adheres to statutory laws in Australia and foreign countries regarding child exploitation, child pornography and the abuse of children. We are committed to the protection of children from all forms of harm. You will be required to sign a Child Protection Code of Conduct and provide a Working with Children's Check and a Federal Police check prior to commencement.

EWB Australia upholds the right of all people to live a life free from sexual violence, exploitation, and harassment regardless of their gender, age, sexual orientation, disability, religion, or nationality. EWB has zero-tolerance for sexual exploitation, abuse,

and harassment (SEAH) of any kind. We recognise that some individuals within communities may be more vulnerable to SEAH, including; children and vulnerable adults. We are committed to creating a safe and supportive environment that safeguards all the people we work with, and the communities we work for.

