

## Vacancy Announcement

Deutsche Welthungerhilfe (formerly known as German Agro Action/GAA) was founded in 1962. Today it is one of the biggest private development organisations in Germany. Non-profit, politically independent and non-denominational, the organisation works under the leadership of an honorary board and the patronage of the German President.

Welthungerhilfe Myanmar is running projects in the fields of humanitarian assistance, food and nutrition security, agricultural value chains and community development in Ayeyarwady, Mandalay Region, Kachin, Chin and Shan States. The WHH program is funded by various institutional donors (BMZ, Federal Foreign Office of Germany, LIFT and others) as well as private donors.

### **Water Engineer – WHH Myanmar Earthquake Response Adjusted for Emergency and Rehabilitation Programming Context**

This technical position supports WHH's post-earthquake recovery operations in Mandalay Region and Sagaing region, focusing on restoring and enhancing access to safe water through engineering solutions, field assessments, and partner support. The Water Engineer ensures quality implementation of water infrastructure activities across emergency, transitional, and early recovery phases.

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## Context Analysis

Following the 7.7 magnitude earthquake on March 28, 2025, water access has been severely disrupted in multiple townships across central Myanmar. Existing WASH infrastructure, already strained by years of underinvestment and conflict, now faces earthquake-related damages and increased demand.

WHH's response emphasizes sustainable, conflict-sensitive, and inclusive rehabilitation of water systems, particularly in drought-prone and hard-to-reach areas. This role is critical in guiding field-based water interventions, advising partners, and ensuring compliance with national and global technical standards.

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## Strategic Focus

The Water Engineer will:

- Assess, design, and supervise rehabilitation or installation of water systems (gravity flow, solar pumps, tube wells).
- Support WHH and partner field teams in implementing WASH infrastructure activities.
- Lead technical quality assurance and risk mitigation for water works.
- Promote climate resilience and sustainability in all water infrastructure planning.

# Key Responsibilities

## I. Independent Tasks and Responsibilities

### Technical Assessments and Design

1. Conduct engineering assessments of damaged or non-functional water systems in target villages.
2. Develop technically sound designs and bills of quantity (BoQs) for gravity flow schemes, rainwater harvesting, shallow wells, and solar pumping systems.
3. Integrate climate, environmental, and gender considerations into water infrastructure design.

### Implementation Oversight

4. Supervise construction and rehabilitation works to ensure compliance with SPHERE, WHO, and WHH standards.
5. Provide on-site troubleshooting and guidance to field teams and local contractors.
6. Ensure safety and quality checks are embedded in all phases of implementation.

### Partner and Community Engagement

7. Support local partners with technical capacity development, including training on WASH hardware design and maintenance.
8. Coordinate with village WASH committees and local authorities on planning and site selection.
9. Ensure community feedback mechanisms are integrated into WASH infrastructure implementation.

### Cross-Sectoral Coordination

10. Work closely with the Emergency Coordinator, MEAL team, and sectoral leads (nutrition, cash) to align WASH hardware with broader recovery goals.
11. Support data collection for monitoring water usage, quality, and access post-intervention.

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## II. Joint/Supportive Duties

- Provide technical input to donor reports and rehabilitation planning documents.
- Represent WHH in relevant cluster meetings and technical working groups.
- Support procurement processes related to water infrastructure (materials, contractors, equipment).

- Advise on operation and maintenance (O&M) plans and ensure sustainability strategies are in place.
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## Profile Requirements

### I. Education and Experience

- Bachelor's degree in Civil Engineering, Water Resources, or a closely related field.
- Minimum 3 years' experience in WASH engineering, ideally in humanitarian or post-disaster settings.
- Proven experience designing and supervising rural water systems in Myanmar.

### II. Language Skills

- Proficient in English and Burmese; local dialects in Mandalay Region a plus.
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## Required Competencies

- Strong analytical and problem-solving skills for field-based engineering challenges.
  - Ability to work under pressure and adapt plans to changing security or environmental conditions.
  - Effective communication with technical and non-technical stakeholders.
  - Commitment to WHH's safeguarding, environmental, and inclusion standards.
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## Reporting Structure

- **Immediate Supervisor:** Emergency Coordinator – WHH Myanmar
  - **Technical Backstopping:** WHH Regional WASH Advisor (Asia)
  - **Field Collaboration:** MEAL Officer, Cash Sectoral Manager, Local Partner Engineers
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## Duty Station

- Based in Mandalay with frequent travel to affected areas in Mandalay Region and potential temporary deployments to other response sites.
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## Contract Terms

- **Salary Group:** TBC
- **Contract Duration:** [To be defined based on project cycle]
- **Funded under:** Earthquake Response and Rehabilitation Program (2025)

### **Qualified women and men are encouraged to apply!**

Interested persons should submit an application letter and an updated CV including educational qualifications, contact number and contact details of at least two professional references to:

[Yadanamayhtay.Myint@welthungerhilfe.de](mailto:Yadanamayhtay.Myint@welthungerhilfe.de)

**Not later than 6 May 2025 (Tuesday)**

**Only shortlisted candidates will be contacted for an interview.**