

Technical Manager Job Description

About Green Empowerment

Green Empowerment is a Portland, US-based 501(c)(3) that works to empower rural communities to be the drivers of their own development. Founded in 1997, we work with local partners around the world to deliver renewable energy, clean water, and complementary health and environmental projects with a focus on building local capacity and long-term project viability. We prioritize integrated projects that improve human well-being, are ecologically and economically sustainable, and have the potential for broad impact beyond any one community. Green Empowerment currently works with a network of partners in Nicaragua, Ecuador, Peru, Bolivia, Colombia, the Philippines, Malaysia (Borneo) and along the Thai/Myanmar border.

Key program areas include: 1) renewable energy (solar, hydroelectricity, biomass- improved cookstoves and biogas) systems that power households, health clinics, schools, community centers, small businesses, and other income-generating activities; 2) water projects that improve health by delivering clean water for drinking, cooking, washing, and irrigation, increase access to improved sanitation, and strengthen community management of water resources; 3) environmental programs that prioritize community management of forests and watersheds, and utilize sustainable agriculture to generate income and improve nutrition while also preserving the environment; 4) Impact expansion through network building, training, consulting and 5) Service-Learning to engage students, community groups and professionals in projects.

About This Position

The Technical Manager helps to ensure the technical quality of Green Empowerment's renewable energy and clean water systems while supporting field staff and local partners in their capacity to design, implement and sustain infrastructure projects. The Technical Manager also plays an important role in expanding the impact of our work beyond individual projects and communities through the promotion of best practices to a broad audience of stakeholders through a variety of methods.

Technical Assistance to Project Partners

- Assist Green Empowerment Field Staff and local partners in selecting technologies, designing systems and installation as needed.
- Ensure high technical quality of projects across applications.
- Mentor overseas and local interns to broaden program impact.
- Make field visits in order to maintain relationships with local partners, to monitor projects, and to identify potential countries for expansion.



Program Development:

- Develop case studies and technical evaluation of projects to document successes, challenges and opportunities
- Lead the development of tool kits, standards, templates and other resources on behalf of Green Empowerment and our partners to improve project implementation with support from field staff and outside technical experts/advisors.
- Evaluate new technologies and provide recommendations to field staff and partners
- Support proposal development for new project funding

Technical Capacity Building:

- Support regional networks of stakeholders around different technologies such as hydro-electricity and biogas
- Research and collect examples of “best practices” to improve the technical capacity of partners and facilitate exchanges.
- Offer technical consulting and training to partners, network practitioners and other stakeholders on the design, construction, operation, and maintenance of renewable energy and water systems.
- Support research, conferences and knowledge sharing to promote best practices across the field of appropriate technologies and community development, including documentation and evaluation of Green Empowerment’s approach

Remuneration: \$38,000-\$42,000 annualized, with opportunities for a flexible schedule and growth. Benefits include: Employer-paid medical insurance, paid vacation and sick leave. This position is “at will” position.

Qualifications:

- Experience with project management in renewable energy, drinking water systems, environmental conservation and/or international development.
- Strong technical and analytical skills, with Engineering degree strongly preferred
- Strong written and oral communication skills, experience translating technology and engineering terminology for broad audiences a plus.
- Experience working across diverse groups and synthesizing information from various sources
- Field experience in a developing country
- Initiative and ability to work well with minimum supervision.
- Understanding of program development, monitoring and evaluation.
- Must be willing to travel internationally.
- Fluent English. Spanish-speaking is strongly preferred
- BA or BS in relevant field. Master’s degree is a plus.

Application Process:

Please apply online at www.greenempowerment.org/jobs/ by March 24, 2016. You will need to upload a Writing Sample, Cover Letter and CV.