



Updated May 27, 2020

Design Outreach

Engineering Field Director

Organization:

The vision of Design Outreach (DO) is to see marginalized and low-income communities transformed physically, economically, and spiritually. The mission is to alleviate global poverty through life-sustaining technology.

Position:

The Engineering Field Director (EFD) reports to the CEO. This person helps to develop and execute strategies for advancing DO's vision in Field Programs. This is done by:

- Collaborating with the CEO in managing Field Programs, international partners, including shipping/logistics, field offices, and volunteer programs.
- Collaborating with CTO on new appropriate technology (AT) development.

Key Responsibilities:

Field Programs

- Develop, manage and execute field programs related to engineering, relationships, including training, supply chain development, new AT development, and testing.

Stewardship

- Support-raise launch/annual funds and maintain consistent and appropriate contact with ministry partners.

Key Responsibilities details:

- Overseeing engineering, field testing, and supply chain with global partners in Africa, Caribbean, and Central America.
- Develops and maintains relationships with government, NGO, and missionary partners
- Develops in-country base of operations as necessary, including setting up satellite field offices and supporting DO Malawi Office.
- Provides in-country opportunities for volunteers, donors, and partners to visit field office and witness operations firsthand.
- Troubleshooting, training, and ensuring sustainability of DO AT in the field.
- Oversees technical aspects of DO field operations in strategic countries important to the adoption and scaling of AT.
- Works in conjunction with the R&D department and partners, developing methods and procedures using remote sensing technology and artificial intelligence to predict maintenance schedules for LifePumps and other applicable DO innovations.
- Oversees the development of curriculum and best practices for partner training – including manuals, videos, websites, etc.
- Travels to LifePump countries to provide in-field training, troubleshooting, consulting, and partnership development.



- Oversees the maintenance, shipping logistics, and scale up of LifePumps.
- Manages staff, providing training to NGO and government partners, setting up in-country manufacturing capabilities, co-designing and collaborating with in-country personnel and CTO on new appropriate technologies, advocating to government and NGO officials about updating policies, field testing new technologies, collecting feedback on new technologies, working closely with DO volunteer engineering teams/NGO partners, troubleshooting DO technologies in the field, providing timely updates to DO team, managing logistics (shipping, customs) of hardware and training for country-wide supply chains, etc.
- Providing timely field program reports to donors and at international conferences with publications and talks as appropriate.
- Staying updated and following best practices in community development as well as adding to the scholarship for DO to be known as a thought leader in appropriate technology development.

Requirements:

- Understands and supports the mission of a Christ-centered organization dedicated to sharing the Gospel by word and deed.
- Passion and agreement with Design Outreach's vision and mission.
- Kingdom and abundance minded when working with ministry partners.
- Strategic planning and oversight of field programs including developing, managing, and finalizing scope, budget, timeline, MOUs, etc.
- Strong interpersonal, planning, and leadership skills.
- Self-motivated and detail oriented.
- Excellent verbal, grammar, computer, and Word/Excel/PowerPoint skills.
- Ability to provide presentations to small and large groups.
- High capacity to multi-task, work independently, manage personnel, and problem solve.
- Ability to commit an average of 8 hours per day 5 days per week (40 hours total per week), with availability in evenings and weekends to support special events, accommodate volunteer/donor schedules, and ensure deadlines are achieved.
- Ability to live short and possibly long-term internationally in developing countries.
- Works from office in Columbus, Ohio with ability to travel domestically and internationally to meet with staff and/or partners.

Required:

- Bachelor's degree in an applicable field.
- References.

Timeline:

- Position start date is negotiable, and interviews will be ongoing until position is filled.