Light Every Birth (LEB) Sierra Leone:
Application for a Quality Control Supervisor

Background
We Care Solar addresses a critical aspect of global maternal and child health care – reliable electricity for essential lighting, emergency communication, and medical services. Since our founding in 2010, we have equipped over 5,200 health facilities in more than 30 countries with our compact, rugged Solar Suitcases, enabling health workers to provide critical medical care. Nearly 6 million mothers and newborns have received care in facilities with Solar Suitcases.

In 2017, We Care Solar launched the Light Every Birth initiative, calling upon all stakeholders to uplift maternal-newborn care by making a commitment to ensure that every public health facility has medical lighting and continuous power for safe deliveries. Liberia and Uganda were the first two countries to make a commitment to Light Every Birth; next was Zimbabwe and Sierra Leone.

Since 2012, We Care Solar has worked closely with partners in Sierra Leone such as UNFPA, Doctors with Africa CUAMM, and Medical Research Centre (MRC) to provide reliable lighting and electricity to support maternal health. To date, a total of 264 Solar Suitcases have been installed in health facilities and this year we aim to officially launch the Light Every Birth initiative in collaboration with the Ministry of Energy (MoE), Ministry of Health and Sanitation (MoHS), and implementing partners. We Care Solar trains and sub-contracts solar companies in Sierra Leone to conduct installations, train health workers, and oversee maintenance. Our first training is tentatively scheduled for August, and we are looking to hire a Quality Control Supervisor who will help evaluate contractors’ adherence to quality guidelines and procedures during installations.

Scope of Work
We are accepting applications from individuals based in Sierra Leone with technical and solar experience to apply to become a We Care Solar Quality Control Supervisor.

The selected individual will be invited to participate in our remote technical training tentatively scheduled for August (depending on timing of shipment of equipment). The training will take place over approximately 2-4 weeks and is a combination of at-home learning, comprehension assessments, remote one-on-one mentoring with U.S.-based solar company Remote Energy, remote group sessions, video practice of key activities, and a possible in-person session (following strict guidelines on COVID-19 precautions). Once the individual successfully demonstrates key skills and competencies at the completion of the training, he/she will be offered paid sub-contract work to support the Light Every Birth initiative in Sierra Leone through the following activities.
We Care Solar **Quality Control Supervisor** will undertake the following activities:

- Attend the first five (05) Solar Suitcase installations for all the new installation companies/teams who successfully graduate from the technical training. We Care Solar contractors doing in-person installations must agree to follow COVID-19 precautions during installations including use of PPE, social distancing of 2 meters, frequent washing of hands and disinfecting of equipment, among others. The cost for these precautions will be covered by We Care Solar.
- Evaluate installations using the We Care Solar’s Quality Control Checklist and the Installation Guides, rate installers on key aspects of quality Solar Suitcase installations, and identify strengths and weaknesses for different groups and make recommendations.
- Take high quality technical photographs on the key aspects of quality Solar Suitcase installations.
- Conduct follow-up spot checks in-person twice a year for each of the installation groups to ensure high quality standards are adhered to. Estimate around 12 facility visits in a year.
- Work with government at all levels in advancing the mission and vision of We Care Solar and use the available platforms to advocate for renewable energy for health facilities.

**Requirements**

Applicants must have the following skills and experience:

- Educational certificate or degree in solar (photovoltaic systems, not thermal), electrical engineering or similar field, such as electrician. Must be able to provide scanned copy/photo of certificate/degree.
- A certificate in Electrical Installation with relevant experience in design and maintenance of Solar Systems
- A minimum of 2 years’ experience in solar electric (photovoltaic) system installation. Ideal installations would be roof-mounted (not pole mounted).
- Ability to do hands own practical installations
- 1-2 years’ experience training others, ideally on use, maintenance, and trouble-shooting of equipment, and interest in building capacity of health workers and government officials.
- Demonstrated ability to effectively work with local government/partners
- Excellent interpersonal and communication skills
- Ability to communicate globally via email and other modes (e.g. WhatsApp, Zoom, Skype) with We Care Solar headquarter staff; access to a reliable, strong internet connection
- Passion for our mission and improving the lives of mothers and newborns
- Proficiency in written and spoken English
- Ability to synthesize data and write summary reports
- Preferred experience conducting evaluations or quality control activities
- Individuals must agree to follow our COVID-19 guidelines during in-person visits to facilities

**Timeframe**
The technical training will take place in Freetown, Sierra Leone, in August 2020. The schedule will be communicated.

Contractors must have the ability to receive international wires in USD.

*To apply, please complete the following application form and send to fatmata@wecaresolar.org by July 6, 2020. Kindly specify position applied for in subject line.*
Light Every Birth Sierra Leone: 
Application for Certified Quality Control Supervisor.

PLEASE NOTE:
• We are only accepting applications from individual(s) based in Sierra Leone.

<table>
<thead>
<tr>
<th>Name</th>
<th>Email Address</th>
<th>Address in Sierra Leone</th>
<th>Phone Contact</th>
<th>Organization Affiliation</th>
<th>Availability for Training</th>
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1. Why are you interested in this work?

2. Describe your experience with solar installations and supervisions. Please include details on the size of the systems and location type (e.g. school, home, etc.). Please describe some unique installation challenges and how you overcame them.

3. Describe your experience with trainings/teachings. How do you verify comprehension?

4. Describe your experience working with local government and/or partners.

5. Describe your experience in evaluating performance of individuals/organizations and/or quality of solar systems.

6. Describe your experience in conducting quality control activities and what observations you have made in your experience.

7. Please provide three references of previous clients that we may contact (include names, emails, addresses and phone numbers).