



Solar PV Installation Trainer

Location: West Pokot County

Contract Type: Full-time- One-Year Renewable

Perur Rays of Hope (PRoH), an implementation partner of the **Global Give Back Circle**, is seeking a skilled and experienced Solar PV Installation Trainer to provide high-quality technical and vocational training in solar photovoltaic systems to young women under **HER Lab Program** in West Pokot County.

The Solar PV Trainer will play a crucial role in equipping HER Lab participants with practical, competency-based skills in solar installation, maintenance, and basic system design, aligned with **Level 4 standards under the Curriculum Development Assessment and Certification Council**. The trainer will also prepare participants for the CDACC assessment and certification, supporting their transition into employment or entrepreneurship in the renewable energy sector.

The Solar PV Installation Trainer will report to the Program Manager / TVET Programming Assistant / Curriculum Expert and will deliver training in collaboration with Pokot Technical Vocational College.

Duration: This is a full-time, on-site position based at HER Lab, West Pokot County, offered on a one-year contract, renewable

Key Responsibilities:

Training Delivery

- Plan, prepare, and deliver **competency-based Solar PV installation training (Level 4)** aligned with CDACC standards.
- Teach both theoretical and practical skills, including:
 - Solar energy fundamentals
 - Electrical basics
 - PV system components and configuration
 - Installation techniques (DC systems and basic AC integration)
 - System testing, commissioning, and maintenance
- Ensure at least **70% of hands-on practical training is conducted** using real or simulated systems.
- Utilize diverse instructional methods such as demonstrations, guided practice, and real-life installation scenarios.
- Arrange guest sessions with certified solar technicians and industry practitioners.



Curriculum Development

- Support the development and continuous improvement of the **CDACC Level 4 Solar PV curriculum**.
- Prepare training schedules, lesson plans, practical guides, and instructional materials
- Ensure alignment with:
 - CDACC Occupational Standards
 - Competency-Based Education and Training (CBET) principles
 - Integrate employability and entrepreneurship skills into training delivery.
 - Incorporate feedback from participants and stakeholders to strengthen program relevance.

Assessment and Evaluation

- Develop and administer **competency-based assessments** (formative and summative).
- Maintain trainee **portfolios of evidence** as required by CDACC.
- Provide continuous feedback and individualized support to trainees.
- Track and document trainee progress, attendance, and competency achievement.
- Support participants who require additional learning assistance.

Examination Preparation (CDACC Certification)

- Prepare trainees for **CDACC Level 4 assessments and certification**.
- Conduct mock assessments and practical demonstrations.
- Familiarize trainees with:
 - Assessment criteria
 - Evidence requirements
 - Practical evaluation standards
- Coordinate with accredited CDACC assessors where necessary.
- Monitor participants' readiness and provide targeted support to improve performance.

Industry Collaboration

- Build and maintain relationships with: Solar energy companies, Industry practitioners, and Certification bodies.
- Facilitate exposure opportunities such as: site visits and attachments/apprenticeships.
- Stay up to date on renewable energy trends and integrate relevant insights into training.

Resource Management, Safety, and Compliance

- Ensure availability and proper use of: Solar PV training equipment, tools, and materials.
- Maintain inventory and report shortages to the program team

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- Enforce **Occupational Safety and Health (OSH)** standards during all training sessions
 - Ensure safe handling of electrical systems and tools
 - Align training with current regulatory and industry standards

Safeguarding & Ethics:

- Uphold, including but not limited to HER Lab safeguarding, gender, and code of conduct policies.
- Report any safeguarding concerns through established reporting channels.

Qualifications:

- Diploma or degree in Electrical Engineering, Renewable Energy, or related field
- Certification in Solar PV Installation
- Familiarity with **CDACC Level 4 and CBET framework**
- Minimum **3 years of experience** in solar PV installation and/or training
- Experience in TVET training or working with youth (preferred)
- Experience in preparing trainees for competency-based assessments is an added advantage
- Certified as a trainer/assessor by TVETA.

Key Competencies:

- Strong practical and hands-on training ability
- Understanding of competency-based training and assessment
- Excellent communication and facilitation skills
- Strong mentorship and coaching ability
- Organizational and reporting skills
- Ability to work in ASAL (Arid and Semi-Arid Land) contexts
- Gender-sensitive and inclusive approach

Useful info:

- Since this position will be based at HER Lab in Morpus, West Pokot County, relocation flexibility is a plus
- Application deadline; 26th May 2026

How to Apply:

If you are qualified and passionate about empowering young women through technical skills training in renewable energy, submit your application to admin@perurraysofhope.org CC vicky@perurraysofhope.org on or before 26th May 2026, and include:

- Updated CV
- Copies of academic and professional certificates



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- Evidence of relevant experience
 - At least two referees

Email Subject: Solar PV installation Train