

Job name: Energy Efficiency & Audit Expert

Employment term: Non-permanent

Category: Construction, renewable energy

Job type: Part time

Location: Yerevan and 3 marzes (Lori, Tavush, Gegharkunik)

Job description:

ESF is seeking for an experienced Energy Efficiency and Audit Expert for Renewable Energy Engineer for implementation of “Small scale renewable energy/energy efficiency measures in public buildings and pilot insulation at household level” project financed by GIZ Armenia. In this exciting and dynamic role, he/she will be responsible for overseeing the project together with Renewable Energy Engineer from the design stage through to construction and completion within RES projects in 3 regions/marzes of Armenia.

The project aim is to promote innovative and potentially scalable energy efficiency and renewable/alternative energy solutions and initiatives for low-income households as well as public buildings. The initiative will be implemented in three target regions (marzes) of Armenia: Lori, Tavush and Gegharkunik particularly focusing on deforestation mitigation in the forest rich marzes (Tavush and Lori) and areas, while in forest poor areas the focus will be on mitigating the economic, social and health impact of non-wood biomass combustion for heating (such as dung) among rural population, while retaining its role in the agricultural value chain.

At household level the pilot of (partial) insulation will target at least 20 households (HH) and at public building level the target is to cover 50 community buildings with small-scale EE/RE solutions (solar water heaters (SWH), small PV-roof top installations (up to 5 kW) and basic insulation). Priority is given to public infrastructure with special importance for women and youth like kindergarten, health stations, cultural and sports centers, botanical gardens, local museums, etc.

Job responsibilities:

- Identify energy savings opportunities and make recommendations to achieve more energy efficient operation for each beneficiary within the Project
- Visually inspects buildings and related systems including mechanical, electrical, and process systems to determine energy consumption in each area or system
- Uses a variety of tools to collect field data related to energy use; analyzes the results.
- Performs appropriate and applicable tests to determine the extent of inefficiency
- Establishes baselines for energy use and needs by quantifying energy consumption
- Provides thorough education to end users regarding energy efficiency
- Identifies energy saving opportunities, calculating potential savings and prioritizing projects
- Composes and presents audit reports containing the results of the energy analysis and recommendations for improved energy efficiency of every EE/RE solution in mentioned marzes
- Review or negotiate energy purchase agreements of the Project
- Participate in purchase of materials, equipment, or other resources within the Project

Requirements to the candidate:

- Bachelor's degree in Engineering
- At least 2 years of experience conducting comprehensive energy audits required; 3 to 5 years preferred.
- Proven experience in energy audit minimum for 2 years
- Superior written, verbal and organizational skills
- Excellent technical and communication skills
- Thorough understanding of buildings and building systems (including lighting, building envelope, and mechanical systems)
- Fluency in Armenian and English
- Ability to travel to mentioned marzes/regions to conduct audits
- Candidates from Artsakh have the priority during the selection process

Interested candidates should submit a cover letter and a resume to apasoyan@esfarmeria.org.

About Employer

The Foundation to Save Energy (ESF) was founded in 2003 and has since worked with a number of donors and NGOs to promote awareness on energy efficiency issues particularly in the residential sector where utility bills are a burden for the low-income households. The Foundation unites economists, engineers and environmentalists, finance and banking experts seeking material efficiency, minimization of environmental footprint, cost minimization with the overall aim of building a pathway to green economy and sustainable energy futures. For more information about our expertise and projects please check our web-site: <https://www.esfarmeria.org/>