



JOB OPPORTUNITY AT STRATHMORE UNIVERSITY

Job Title: Improved Cookstove Laboratory Consultant
Department: Strathmore Energy Research Centre (SERC)
Reporting to: Project Coordinator

Basic job summary:

SERC has established an ICS testing laboratory under the GCF/EnDEV Project 'Promotion of Climate Friendly Cooking in Kenya and Senegal'. The laboratory has been established with an objective of providing quality assurance (QA) support for ICS producers in the ICS supply chain through stove testing, market surveillance, training producers on QA and sensitization of KEBS standards to ICS producers especially the informal ICS sector.

To this effect, SERC would like to source for an expert in ICS laboratory setup to provide capacity building services to the newly installed laboratory at Strathmore University. The laboratory team have so far received basic training on testing using the ISO 19867-1 standard and on laboratory accreditation on ISO/IEC 19025 standard.

Duties & Responsibilities:

1. Review current working procedures and methods.
2. Train on ISO 19867 (thermal efficiency, safety & durability) combined with a quality control procedure.
3. Conduct controlled cooking and kitchen performance tests training for the team.
4. Provide basic training on the design and development of ICS. This includes stove design optimization recommendations for design improvement. This could include topics such



- as: Material selection, Heat transfer, Combustion optimization i.e. Airflow dynamics, Human Centered Design. [This could be a hybrid training, Online or in-person training].
5. Back stopping and mentoring of the testing engineers for a period of six months. This will include Online and physical (during the training days).
 6. Support on laboratory accreditation under the ISO/IEC 17025 standard [the lab is receiving training on this].

Minimum Academic Qualifications:

A BSc degree in a relevant academic field and a certificate of training in clean cook stove testing.

Experience:

- Working experience in a clean cooking laboratory of at least 3 years.
- Experience in training testing technicians and supporting new ICS laboratory establishments.
- Experience in implementing the ISO/IEC 17025 standard.

Competencies and Attributes

- Good interpersonal skills,
- Good Communication skills
- Pedagogy skills.

Are you qualified for this position and interested in working with us? We would like to hear from you. Kindly send us a copy of your updated resume and letter of application (**ONLY**) quoting “**APPLICATION FOR IMPROVED COOKSTOVE LABORATORY CONSULTANT**” on the subject line to recruitment@strathmore.edu by **20th May 2024**.

Due to the large number of applications we may receive, kindly note that only the shortlisted candidates will be contacted.

PEOPLE & CULTURE ANNOUNCEMENT



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Please be advised that Strathmore University is an equal opportunity employer and does **NOT** ask for money from applicants under any circumstances during its recruitment process. Interested applicants are encouraged to exercise caution upon receiving any such interview opportunity that requires payment of any money.

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