

Terms of Reference

Technical Skills Training for Women on Efficient Cooking Stove Production

White Nile State

Norwegian Refugee Council

Section 1: Basic Information

Service:	Technical Skills Training for Women on Efficient Cooking Stove Production
State:	White Nile State
Duration of the Service:	21 days effective as of the signing date

Scope: Supporting women's groups in the production of energy-efficient cookstoves to enhance local livelihoods, reduce household fuel consumption, and promote environmentally sustainable cooking practices. The expected result of this activity is that trained women manufacture and distribute quality, energy-efficient cookstoves within their communities, contributing to reduced deforestation, improved household health, and increased income-generating opportunities for participating women's groups.

Section 2: Tasks and responsibilities

Through this service, NRC and the service provider will collaborate with women's groups to strengthen their capacity to produce and distribute energy-efficient cookstoves. The trainer will support skills development, provide essential production inputs, and enhance market access, enabling women to improve their livelihoods while promoting cleaner, more sustainable cooking practices in their communities.

1. Providing the equipped training and production facility which should be in either Kosti or Rabak.
2. Providing the raw material needed to produce the "Badya" stoves. Check Annex I.
3. Providing all tools and equipment required to produce the stoves. Check Annex I
4. Supervise participants throughout the production process and provide the necessary technical expertise, capacity building, and guidance.
5. Engage with one group of women consisting of 30 to 45 members.
6. With the group of women, lead the production of 500 cooking stoves.
7. Distribute the produced stoves in two communities within Kosti; Abyad Damerak and Sakkak to 500 pre-selected HHs
8. Submit a report following the completion of the training and production process
9. NRC will be responsible of women selection and transporting them to the production facility.

Section 3: Deliverables

1. Engage the selected women in the production process according to the list provided by NRC.
2. Produce 500 "Badya" efficient cooking stoves.

3. With NRC LFS team, lead on the distribution process of the 500 stoves in Abyad Damerak and Sakkak.
4. 2 Awareness sessions to be conducted on the use of the cooking stoves, one in Abyad Damerak and one in Sakkak, each session will be conducted over a full day, during which the selected service provider will deliver theoretical information on the environmental aspects of the stoves, followed by practical guidance on how to use them, and will answer questions from the targeted communities.
5. Final Report and analysis on the full service by the end of the contracting period.

Section 4: Target Locations

Kosti – White Nile

Section 5: Qualifications

- Access to production units and well-prepared venues for the production process in Kosti or Rabak.
- 3 years' experience/or at least 3 previous contracts in delivering technical training to women on the same topic.
- 3 years' experience/or at least 3 previous contracts in producing efficient cooking stoves.
- 3 years' experience in conducting environmental awareness sessions.
- Technical CVs must demonstrate the facilitators' skills and experience

Section 6: Payment Schedule

The payment shall be 100% upon final completion of the service.

Section 7: Application process and requirements

Application Deadline: 31/1/2026

Bids must include the following:

- 1) Proposal includes outline of evaluation framework and methods, including comments on the TOR, proposed time frame and work plan (bids over 3 pages will be automatically excluded).
- 2) Proposed budget
- 3) CVs
- 4) Similar previous experience

Submit completed bids to 31/1/2026

ANNEX I

Description of the required stove and material need for the production

Improved Traditional cooking Stove “Mawqid Badia”



A small stove made of metal with a clay top.

It has holes on top to let air in and is used for cooking with charcoal.

The stove is constructed using clay and iron materials. Its main advantage is reducing the amount of charcoal required while retaining heat for an extended period during the day.

Ceramic and metal are the two primary components used in manufacturing the stove.

Additional materials may also be required during production, including clay soil, sticky clay soil, coarse sand, crushed red brick, iron sheets (Sajah), and adhesive materials.

Material and Preparation Tools

- Shovel or spade (for collecting and mixing clay)
- Wooden or metal molds (for shaping the stove)
- Scrapers or knives (for detailing air inlets and openings)
- Measuring tape or ruler
- Metal cutting shears
- Hammer
- Drill or metal punch (for air holes)
- Pliers
- Welding machine or rivet tools (if metal parts are fixed together)
- Colander
- Drying racks or shaded drying area
- Kiln or traditional firing pit (if firing the stove)
- Firewood or fuel for firing
- Heat-resistant gloves



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- Sandpaper or abrasive stones
- Weighing scale (optional, for consistency)

The description of the production unit

- Two mixing basins/pelves (2 m × 2 m) for preparing raw materials
- Drying room with capacity for at least 120 stoves
- Covered production area (umbrella/shelter)
- Fire room with capacity for up to 120 stoves
- Worktables and stove Molds/templates/frame for producing stove