**Invitation for Bids - Metal Fabricator Trainer/Facilitator**

**Terms of Reference (TOR) for Trainer/Facilitator**

**Proposed Start Date: April 1, 2024 Location: Unity State Region, South Sudan**

**A. Background**

South Sudan’s Unity State experienced conflict between the central government of Sudan and the Sudan People’s Liberation Movement/Army-North (SPLM/A-N) from 2011 to 2016. The 2011 conflict gave way to a humanitarian crisis with large-scale internal displacement within Unity State, South Sudan. Since 2012, Samaritan’s Purse has provided emergency agricultural support in the program area, aimed at helping households cope with conflict-related disruptions to their agricultural livelihoods, and improving household food security.

Samaritan’s Purse is supporting 20 women’s groups with five members each (100 women, total) with medium-scale groundnut/sesame electric grinding machines to scale up their businesses. For that reason, Samaritan's Purse is seeking to hire **a fabrication trainer (firm)** to build the capacity of **three metalworkers** in the fabrication of grinding machines. The three trained persons will be responsible for the repair and fabrication of old and new machines in the region for both the targeted women’s groups and other businesspeople dealing in similar businesses.

**B. Training Purpose and Objectives**

The purpose of the training is to equip the selected persons with practical skills in the fabrication of sesame/ groundnut grinding machines.

**Specific Objectives:**

* To equip the targeted participants with skills in fabrication.
* To build hands-on practical skills for selected metal fabricators from the community.

**C. Scope of work**

The training content should include but not be limited to the following:

* Designing, fabricating, assembling and installing all the grinding mill components (electric grinding machine).
* How to prepare detailed drawing specifications (for grinding machines) and products during training to meet the required standard.
* How to read blueprints, draw sketches and follow up technical specifications.
* Developing the ability of trainees to cut, shape and form metal during training.
* Developing the ability of trainees to interpret measurements.

Developing procedures for preventative and scheduled maintenance on machines. Samaritan's Purse will provide the training materials and workshop for training purposes.

Training outcome

By the end of the training, the participants (learners) should be able to operate the machine on their own and draw designs, including reading all the specifications of grinding mills.

**D. Methodology and Work Plan**

The fabrication trainer is expected to articulate a comprehensive approach for orchestrating the training sessions, tools and methodologies suitable for the selected learners (trainees). This involves integrating interactive methods to elevate the overall learning experience for the selected participants. It should be noted that the participants may not have a high school education but will have prior practical experience in fabrication and welding works.

The training will take a maximum of 20 days, including training and report submission. As such, before commencing, the consultant will be required to submit a training curriculum and manual for review and approval.

***Ideal start date for training: April 1, 2024***

**E. Expected Deliverables**

Training Content Outline: Provide a detailed outline of the training content, ensuring its direct relevance to practical skills development for the participants.

Interactive Training Materials: Develop and supply engaging training materials that cater to the participants’ learning preferences, promoting interactive learning experiences and mechanisms to measure the effectiveness of the training such as pre/post-tests.

 **F. Evaluation Budget and Proposed Payment Schedule**

Applicants will be required to submit a proposal including a detailed budget, specifying days and rates per day. The budget will be reviewed as part of the approval process. Upon selection and approval of the consultant, Samaritan’s Purse will cover the cost of international airfare, in-country accommodation, food, and in-country travel for a maximum of 20 working days, inclusive of the first travel date to South Sudan and the final training report submission. This is estimated based on deliverables under this TOR and previous experience working with consultants. The number of days, however, may be negotiated based on the number of days the consultants estimate to complete this assignment.

The proposed payment schedule details are as follows:

* 10% upon signing the contract and agreed plan of operations.
* 15% upon approval of training content and materials.
* 75% upon submitting the final training report and any other deliverables.

**G. Data Ownership and Confidentiality**

All intellectual property produced as part of this training will be owned by Samaritan’s Purse. All documents passed to the consultant remain the property of Samaritan’s Purse and are required to be considered strictly confidential. The documents will not be shared with a third party without the prior agreement and authorization of Samaritan’s Purse. The consultant will not be allowed, without prior authorization in writing, to present any of the results as his or her work or to make use of the training results for private publication purposes or otherwise.

**H. Consultant Profile**

* Minimum of a diploma in mechanical engineering, metal fabrication, automobile engineering, agriculture engineering, or another related subject area.
* Prior experience in the fabrication of electric grinding machines is strongly preferred.
* Fluency in verbal and proficiency in written English is a must (fluency in Arabic is not a requirement, as Samaritan’s Purse will provide translation services if needed).
* Contextual awareness of the region is required to guide the training manual design.
* Training institutes or colleges in metal fabrication/mechanical engineering encouraged to apply