Statement of Work

Purpose:	Analyze and document information on the different food fortification technologies for small and medium scale maize mills
Period of Performance:	September 28, 2017 — October 12, 2017
Place of Performance:	Kampala, Uganda
Activity Manager:	Mike Mazinga

A. Background to the Activity

SPRING is the only USAID flagship project currently supporting the implementation of the mandatory food fortification regulation in Uganda. To further this effort, SPRING would like to hire a consultant to analyze available data on the different fortification technologies and describe their suitability for small and medium scale maize mills in Uganda.

Maize flour consumption in Uganda is high and this is evident from the FACT Survey findings of 2016, which indicate that 92 percent of households consume maize flour nationally. However, only 6.5 percent of these households consume fortified maize flour.

Unlike wheat flour, edible oils, and salt - where the country has made significant progress in implementation of the mandatory fortification regulation - maize flour fortification remains a huge challenge. This is largely because small and medium scale millers who face challenges in the acquisition of affordable and sustainable fortification technologies dominate the milling sector.

B. Current Status of the Activity

Recent statistics from a report on mapping maize millers[1] indicated that 97 percent of maize millers operate below 20MT/day, the capacity specified in the mandatory fortification policy. Therefore, much of the maize flour processed for the market is unfortified. In an effort to address the issue of micro-nutrient malnutrition in Uganda, SPRING is implementing activities and interventions around industrial food fortification as a key part of reducing the burden of micronutrient deficiency.

To this end, SPRIN G has collected quotations and specifications from different equipment and pre-mix manufacturers and suppliers. These are available for review, however the consultant is also expected to contact suppliers in his/her network and collect additional information.

[1] https://www.spring-nutrition.org/publications/reports/uganda-mapping-maize-millers

C. Objectives for the Activity

SPRING is seeking a consultant to collect and analyze available data on the different fortification technologies and describe the suitability of each technology for small/medium scale maize flour mills. The consultant will compile the results of this work into a comprehensive report recommending fortification technologies for small/medium scale maize flour fortification in Uganda.

D. Overall Approach

1. The consultant will be required to thoroughly review quotations and equipment specifications SPRING has solicited from equipment/pre-mix manufacturers/suppliers.
2. The consultant also will be required to collect and provide more information on other existing fortification technologies/pre-mixes and their suitability for use in Uganda, besides the ones provided in the quotations. As such, the consultant is expected to have contacts and networks where they can access such information.
3. The consultant will develop a score sheet to evaluate each equipment-technology in regards to its suitability for small and medium maize flour fortification in Uganda. This will be done in collaboration with SPRING/Uganda staff and based on previously gathered specifications (provided by SPRING) for each technology and the consultant's past experience from similar regional and international undertakings.

E. Qualifications of Individual/Organization/ Firm

The consultant should hold a Master's degree in Food Science and Technology with at least ten (10) years of practical experience in maize flour processing and industrial food fortification, and understanding of USAID - implementing partners' modus operandi. Applicants must be fluent in English and have strong technical writing skills.

F. Responsibilities of the Individual/Organization/Firm

1. The Consultant will be required to fulfill all the deliverables within a month (30 days).
2. The consultant will also be required to give biweekly updates to SPRING/Uganda project throughout the time of the consultancy.

G. Deliverables and Payment Schedule

1. A detailed report with recommendations on the different fortification technologies for small and medium scale maize flour fortification in Uganda
2. A four page techno-note summarizing the specifications and effectiveness of the different fortification technologies for small and medium scale maize flour fortification. SPRING will finalize the reports for submission to USAID.

Payment will be made in full upon completion and approval of all deliverables.

Duration of the consultancy: September 28, 2017 — October 12, 2017