



RECRUITMENT OF A WEB DEVELOPER TO SUPPORT ICI IN THE DEVELOPMENT OF AN IT TOOL
AIMED AT ASSESSING THE RISK OF CHILD LABOUR IN THE COCOA SECTOR IN CÔTE D'IVOIRE

Terms of Reference

September 2021

CONTEXT

In an effort to address the issue of child labour in cocoa in Côte d'Ivoire, cocoa companies and exporters/processors are increasingly setting up Child Labour Monitoring and Remediation Systems (CLMRS) in their supply chains. However, despite strong growth since 2012, the coverage of these systems is still often limited to certified structures and fails to reach all cocoa producing households.

Rapidly evolving regulations in the area of corporate human rights as well as recent changes in the codes of conduct of several certifications such as UTZ/Rainforest Alliance and Fairtrade mean that cooperatives are increasingly required to set up child labour risk management mechanisms. While many cooperatives are supported in their CLMRS implementation by exporters and their sustainability programmes, many others do not have the capacity and means needed to set up such system, often reporting no cases of child labour, even though studies and reports show prevalence rates ranging from 20 to 35% in cocoa growing areas. ICI is working on a project funded by GIZ to support cocoa cooperatives in Côte d'Ivoire in their child labour risk management through the development, testing and deployment of a simple and practical child labour risk model.

The objective of the project is to scale up the use of this tool by making it available online to all cocoa cooperatives in Côte d'Ivoire so that, combined with appropriate training on the use of the tool, cooperatives can take stronger ownership of risk management, better comply with regulations and directly contribute to national and international effort to combat child labour in cocoa in Côte d'Ivoire.

1. Scope of the assignment

In order to scale up this tool, ICI is recruiting a (or a team of) web developer(s) who will be responsible for creating a digital platform to host the risk model developed by ICI.

Specifically, this will involve:

- Proposing, developing and testing a digital platform that can process cocoa cooperative databases and run the risk model on these databases;
- Choosing and advising ICI on the best code language for the digital platform;
- Testing the tool and its functionality on different browsers and environments;
- Evaluating the performance of the tool;
- Documenting the code so that ICI and other developers can understand and contribute to it;
- Working closely with ICI M&E and Programme teams throughout the assignment (regular progress updates and final presentation of the tool);
- Working closely with ICI Communications team and ICI's web designer.

2. Assignment location

The mission will be carried out remotely. No physical travel is foreseen. However, the consultant(s) will be required to interact regularly with ICI team members based in Abidjan and Geneva, which requires availability during working hours in the GMT and CET time zones.

3. Contract deliverables

Milestones	Deliverables	Deadline
Contract signature	Workplan and technical proposal (including code proposal) is submitted and validated by ICI.	15 October 2021
Tool design	The development of the tool is complete and a first version of the platform is available.	12 November 2021 (4 weeks)
Tool evaluation	The platform is tested, adjusted and validated by ICI.	3 December 2021 (3 weeks)
Tool documentation and transition to ICI	The tool is presented to ICI to ensure the transition of the platform management.	10 December 2021 (1 week)

4. Requirements

Profile and skills required:

- Master/PhD level education in web development, mathematics and computer science, or statistics;
- Excellent knowledge of code writing in one or more programming languages, such as HTML, CSS, javascript or PHP;
- Knowledge of R, Stata or Python;
- Experience in leading educational or pedagogical projects aimed to simplify and render accessible complex concepts to a wide public – desirable;
- Experience in planning and developing reliable and efficient prototype applications or online platforms;
- Excellent command of French and English.

The contractor must also meet the following requirements:

- The contractor must have carried out web development projects involving advanced mathematical/statistical information processing.
- The contractor must be based in or have official representation in Côte d'Ivoire or be established as an independent worker in Europe or be attached to an institution in this area;
- The contractor must be available to start the assignment by the end of September 2021.

5. Offer of service submission

NB: ICI has **zero-tolerance** for all forms of child neglect, abuse (sexual, physical, emotional, and psychological) and exploitation (sexual and commercial).

ICI commits to put the best interest of the child first, and at the centre of its work, irrespective of a child's ability, ethnicity, faith, gender, sexuality and culture.

ICI recognizes its responsibility to ensure and to promote a safe and secure environment for children. To effectively manage risks to children, ICI requires the commitment, support and cooperation of all staff, associates, partners, suppliers, service-providers and visitors. By applying at ICI, you automatically agree to the above term and uphold the principles described herein.

Interested candidates are requested to provide the following information:

- CV and cover letter, in English, setting out how they meet the requirements above and including links to examples of relevant work
- A technical and financial proposal, based on the above terms of reference

All applications should be submitted to: hr@cocoainitiative.org by 8 October 2021.