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At the heart of the MSF movement, at the crossroads of humanitarian medicine and new or evolving technologies, The MSF Foundation develops new medical tools with the ambition of improving the way MSF delivers care to the most vulnerable patients. Projects led by The MSF Foundation rely on multidisciplinary cooperation (medical, technological, epidemiological, sociological) and forge links between patients and practitioners in MSF fields of intervention and a broad network of external partners.

MSF Foundation is looking for a:

**Consultant for a cost-effectiveness evaluation mission M/F**

### Context

Niger experiences frequent outbreaks of infectious diseases, including measles, meningitis, and cholera. However, despite a well-established surveillance system, the reporting of cases at the national level is slow and can lead to delays in the response to these outbreaks.

To address this issue, a collaboration between the MSF Foundation, Epicentre, Medic and the Ministry of Public Health (MSP) of Niger has been in place since March 2020 to develop, firstly, a tool to manage COVID-19 alerts and, secondly, a complementary tool to the DHIS2 health information management system to digitize the epidemiological surveillance of notifiable diseases down to the peripheral and community levels.

The aim is to reduce the time between the detection of an outbreak and the implementation of the response, and to increase the number of reported suspected cases and completed investigations.

In addition to the evidence provided by the satisfactory results of the analysis of the pilot phase in terms of quantitative and qualitative improvement of the notification of epidemic alerts, the MSF Foundation has considered relevant to carry out, as a complement, an evaluation of the cost-effectiveness of the digital platform Epidemic Alert in Niger.

The objective of this study is to **evaluate the cost-effectiveness of the Epidemic Alert application in the management of epidemics in relation to the national epidemiological surveillance strategy in Niger**. This evaluation will allow to question the strategic and operational options related to the platform from a health economics point of view.

### Main tasks

- **Define the methodology of the study:** The methodology will be developed by the consultants in the technical proposal. It must enable the study objective to be precisely met.
- **Drafting of a scoping note:** The scoping note for the study must present the proposed methodology and work plan as well as the tools that will be used for the study. This note will be submitted to the steering committee for comments before the field phase.
- **Drafting of a preliminary report with preliminary results:** Produced at the end of the field phase. This initial feedback can be in the form of a preliminary report sent to the steering committee for its opinion or a presentation that can serve as a basis for discussion.

- **Writing a final report:** This should incorporate the comments/exchanges/discussions in the draft report. The main text, in Word format, should be between 40 and 50 pages (not including annexes), font 12 and single-spaced.
- **Oral presentation:** The final report should be presented orally to representatives of the health authorities in Niger and relevant institutions in due course.

### **Organisation of the study mission**

The study is scheduled to last approximately 12 weeks, divided as follows:

- 2 weeks preparation phase (document reviews and briefings)
- 4 weeks field phase (data collection and analysis)
- 4 weeks drafting phase of the final report
- 2 weeks finalization and restitution phase

The mission will take place between September and November 2023. Please note that the indicative schedule can change at any time depending on changing circumstances, including the security situation.

### **Profile required**

- Knowledges and professional experience in health economics
- Professional experience in NGOs
- Technical expertise in cost-effectiveness analysis
- Knowledges and professional experience in sub-Saharan Africa
- Language skills: French

Consultants are invited to apply by sending their CV and a motivation letter to the following email address: [rachel.ach@paris.msf.org](mailto:rachel.ach@paris.msf.org), specifying in the subject line "Cost-effectiveness study Epidemic Alert Niger".

Subsequently, the consultants shortlisted based on these elements will receive the terms of reference for the study and will be required to send a technical proposal which must include:

- The understanding of the terms of reference
- The technical approach developed and the detailed methodology
- The constitution of the team, the distribution of responsibilities among its members, the proposed CVs and the availability of the members
- The provisional work timetable and an estimate of man/days worked
- The references of 2 previous similar works
- A declaration on honor attesting the absence of conflict of interest

The consultant will also have to send a financial proposal including the total budget (incl.taxes)

**Status:** Consultant

**Final date for receipt of applications:** 21/05/2023