

Subject: IT expert for Tanzania (national)

Background and context

The United Nation Office for Disaster Risk Reduction (UNDRR) and the International Centre on Environmental Monitoring (CIMA) entered into a Grant Agreement dated 16 November 2020 for the implementation of the project "*Programme for a continental coordination, early warning, and action system in Africa*". Within this framework, CIMA is implementing an initiative devoted to the "*Capacitation of the United Republic of Tanzania EWS and integration in the Continental network*", working with three lead agencies: Disaster Management Department of Prime Minister Office, Tanzania Meteorological Agency and Ministry of Water.

The initiative aims at implementing the myDEWETRA Web-GIS platform in the United Republic of Tanzania in connection with the Continental Situation room of the African Multi-Hazard Early Warning System for DRR at the African Union Commission (AUC). Furthermore, the activity will focus on improving impact based Early Warnings by integrating the floods and drought risk profiles with the hazard forecasting system being implemented for the IGAD region (as part of the "*Programme for a continental coordination, early warning, and action system in Africa*") and extended to The United Republic of Tanzania. The early warnings messages will be harmonized at national level and supported by myDEWETRA Bulletin enabling the preparation and broadcasting of multi-hazard early warnings.

In this context, CIMA is looking for one (1) qualified and motivated local expert in Information Technologies (IT) to support and complement the activities in UR Tanzania. Overall local expert support will require ensuring liaison and cooperation in representation of CIMA with the ITC technicians of the national institutions and agencies involved in project implementation. Such cooperation by the local expert will take place under the coordination of and according to the indications received by the project management representatives.

Key responsibilities

Within the project context described above, the desired candidate will work, under the coordination and supervision by and following the instructions received from project management representatives, mainly focusing on the following sub-activity:

- Implementation of the web-GIS open-source platform myDEWETRA for the United Republic of Tanzania, with coordination of PMO, Tanzania Meteorological Authority and Ministry of Water.

In particular, the desired candidate is expected to fulfill the following tasks throughout the project duration:

- Provide general assistance to CIMA IT technicians in liaising and interacting with IT technicians in relevant institution of UR Tanzania.
- Support CIMA in the local risk-related data collection for feeding the myDEWETRA platform, focusing on the IT format and integration component.

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International Center on Environmental Monitoring - Centro Internazionale in Monitoraggio Ambientale

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- Support CIMA in the review of the existing IT capabilities and requirements at the three involved agencies of UR of Tanzania, according to the possibility of installing a distributed publication node for data sharing with the myDEWETRA system.
- Support CIMA in the design of the optimal architecture of the myDEWETRA system for Tanzania.
- Support CIMA in the organization of meetings and engage with different local IT technicians of relevant stakeholders, with a special focus in support of the advisory mission of CIMA experts to Tanzania expected in November 2021.

The ideal candidates should have the following expected profile:

Education

- Advanced university degree (Master's degree or equivalent) in fields of study and research in areas relevant to Information and Communication Technologies is required.
- A relevant first-level university degree in the above fields in combination with two additional years of qualifying experience may be accepted in lieu of the advanced university degree.
- Excellent verbal and written communication skills and capacity to work under pressure and short deadlines.
- Studies and/or knowledge in hydroinformatics and/or GIS is a plus.

Languages

- Excellent knowledge of the local language and fluency in English (written and spoken) are required.

Personal skills

- Good organizer and planner.
- Liaison skills.
- Facilitation skills.
- Analytical skills.

Experience

- Familiarity with Linux Environment, especially for server management

Further desirable assets could refer to:

- Experience in reporting
- Excellent skills in communication and team working

Overview of the assignment:

- Location: UR Tanzania
- Position open to nationals / residents in UR Tanzania.
- Position: IT Local Expert.
- Amount of work: 10 working days.
- Duration: up to 28 November 2021
- Remuneration: 1'000 US Dollars.
- Expected starting date: as soon as possible.
- Responding to: IT expert and Project manager at CIMA.



- Reporting to: IT expert and project manager at CIMA. Confirmation of utilized working days will be provided by appointed technical/managerial experts from CIMA.
- Possibility of a contract extension: no

Interested candidates should submit their CV to the email ricerca.personale@cimafoundation.org (cover letter and reference letters can be submitted too) within **02.11.2021 at 12:00 Eastern Africa Time**. The subject of the email should be: **IT expert for UR Tanzania**.

Based on the CV evaluation, a proposal for the position within CIMA will be made to the suitable candidates.

Any questions related to this call can be directed in English to Alessandro Masoero via email at: alessandro.masoero@cimafoundation.org

Savona, 27 October 2021

Managing Director
Luisa Michela Colla

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