

## Subject: Early Warning System 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 two (2) qualified and motivated local experts in Early Warning System to support and complement the activities in UR Tanzania. Overall local expert's support will require ensuring liaison and cooperation in representation of CIMA with 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 candidates will work, under the coordination and supervision by and following the instructions received from project management representatives, mainly focusing on the following sub-activities:

- 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.
- Implementation and customization of the IT Tool for severe weather and flood warning bulletins editing and issuing, with coordination of PMO, Tanzania Meteorological Authority and Ministry of Water.

**CIMA Research Foundation - Fondazione CIMA**

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In particular, the desired candidates are expected to fulfill the following tasks throughout the project duration:

- Provide general assistance to project management in the country.
- Support CIMA in the stakeholders mapping activity
- Support CIMA in the local data collection. This may include also identifying, researching and conducting surveys on local sources of data and information and holding meetings and/or interviews with experts from national agencies and institutions. Collection of data and relevant documentation by the local expert will concern the fields of interest addressed under the project activities, including but not limited to: hydrometeorological observation and forecasts, risk-related datasets, relevant assets at risk location, past event maps, relevant information and documents on early warning systems and emergency response plans and procedures, etc.
- Support CIMA in the review of existing Standard Operating Procedures for severe weather and flood warning bulletins' preparation and dissemination (national level).
- Support CIMA in the design of IT-generated severe weather and flood warning bulletins and for the drafting of a proposal harmonized Standard Operating Procedures for warning preparation and dissemination (national level).
- Support CIMA in the organization of meetings and engage with different local early warning and disaster risk management stakeholders, with a special focus in support of the advisory mission of CIMA experts to Tanzania expected in November 2021.
- Support CIMA in the organization of online training activities and in the preparation and dissemination of communication material on myDEWETRA for Tanzania.

**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 early warning system or disaster risk reduction 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 hydrometeorology 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 in conducting assessments and/or/research is a plus.
- IT skills are a plus.

*Experience*

- Familiarity with the national early warning and disaster management system and the actors within the system.

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*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: Early Warning System Local Expert.
- Amount of work: 15 working days.
- Duration: up to 28 November 2021
- Remuneration: 1'500 US Dollars.
- Expected starting date: as soon as possible.
- Responding to: project manager at CIMA.
- Reporting to: program director 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

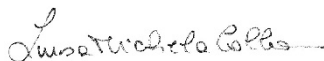
Interested candidates should submit their CV to the email [ricerca.personale@cimafoundation.org](mailto:ricerca.personale@cimafoundation.org) (cover letter and reference letters can be submitted too) within **02.11.2021 at 12:00 Eastern Africa Time**. The subject of the email should be: **EWS expert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

Savona, 27 October 2021

Managing Director  
Luisa Michela Colla



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