

TERMS OF REFERENCE FOR INDIVIDUAL CONSULTANTS

Title: National consultant – Children's Climate and Disaster Risk data	Type of engagement <input checked="" type="checkbox"/> Consultant (ZCNT)	Duty Station: <i>Home based in Jakarta</i>
<p>Purpose of Activity/Assignment:</p> <p>The purpose of this assignment is for a national consultant to support the Government of Indonesia in developing the Children's Climate and Disaster Risk Index Indonesia (CCDRII, working title) at national and sub-national levels with the Government of Indonesia. In undertaking this work, the consultant will work with UNICEF and relevant government and non-government partners at national and sub-national levels to identify and analyse data sources, platforms, and develop a theoretical framework for CCDRII, facilitate the identification and agreement on index indicators, methodology, definition of procedures, preparation of tools and documents for the development of the CCDRII.</p>		
<p>Background:</p> <p>Indonesia's location along the Pacific "Ring of Fire" and its climate expose it to a wide range of geological and hydro-meteorological hazards across the country including earthquakes and tsunamis, volcanic eruptions, landslides, floods, droughts, and fires. Environmental degradation and climate change both interact with and exacerbate the occurrence and impact of natural hazard events. According to Indonesia's disaster management agency, around 150 million people live in earthquake-prone areas; 60 million in flood-prone areas; 40 million in landslide-prone areas; 4 million in tsunami-prone areas; and 1.1 million in volcanic eruption-prone areas. In 2022, the National Disaster Management Agency recorded around 3,500 disaster events, including the deadly earthquake in Cianjur district that displaced close to 5.5 million people (BNPB, 2022). Children and young people are hit hardest by disasters and climate change impacts, which threaten food security, increase water scarcity, force families from their homes, and increase the risk of conflict and public health emergencies. They face loss of livelihoods, disruption of education and limited access to safe water, sanitation and hygiene, health and nutrition, and child protection services. There is also a greater risk of exploitation, abuse, violence and family separation.</p> <p>Moreover, environmental degradation and climate change exacerbate the occurrence and impact of natural hazards. Indonesia ranks 46th out of 163 countries on the UNICEF 2021 Children's Climate Risk Index, indicating a 'high climate risk' for children. Children in Indonesia are highly exposed to vector-borne diseases, air pollution, and coastal floods.</p> <p>The overall intention of the CCDRII is to support the establishment of a national-led, multistakeholder framework on the nexus between children's climate and disaster risks and the development of their full potential in Indonesia. The CCDRII is envisaged to eventually comprise the following elements:</p> <ul style="list-style-type: none"> • A national Children's Climate and Disaster Risks Index Indonesia • an interactive platform making the CCDRII publicly accessible; a multi-stakeholder technical platform guiding the production and analysis of the CCDRII; and • A CCDRII report published annually to support the alignment and coordination of planning and programming efforts of national actors in the response to child vulnerabilities and risks from climate change, environmental degradation, natural hazards and other shocks and stresses. <p>to identify, analyse and address climate, environmental and disasters for climate change mitigation and adaptation, emergency preparedness and response, disaster risk reduction and, through the enrichment, creation and use of child-sensitive climate and disaster risk data and analysis. The initiative responds to the need for an integrated disaster risk information system for governmental institutions at national and subnational levels that brings together data from data sources existing in various institutions and provides them and humanitarian and development partners up-to-date, context-specific information on children's vulnerabilities related to health, education, climate, environmental and other natural and anthropogenic hazards, shocks and stresses and disasters to specific contexts and tailored to the needs of.</p> <p>The CCDRII index is planned as an index developed based on exposure to hazards and socio-economic vulnerabilities data with a focus on children, which is devised to help understand and measure the likelihood and specific areas where climate and environmental shocks and stresses may lead to erosion of development progress, the deepening of deprivations, and humanitarian crises that affect children and vulnerable households and groups.</p> <p>Scope of Work:</p>		

The national consultant will support the first phases of the CCDRII implementation, from building stakeholder arrangements and conceptual design through to the consolidation of the first CCDRII data.

S/he will work under the general guidance of the Chief of Planning and direct supervision of the Emergency/DRR Specialist, engaging and working closely with UNICEF Indonesia's Climate, Environment and DRR focal points and data and monitoring specialists, to carry out the following specific tasks, in line with the timeline developed by UNICEF.

1. Develop a concept note and work plan in collaboration with the UNICEF team and the Ministry of Environment and Forestry, BNPB, BPS, Bappenas, and other relevant partners.
2. Support the establishment of a multi-stakeholder Technical Working Group (TWG) to guide, facilitate the development of the CCDRII and support a lead or co-leads in engaging and facilitating inputs of other relevant (line) ministries, institutions, and partners.
3. Conduct of a participatory diagnosis of national capacities to provide reliable, objective, timely and sustainable information to feed the CCDRII and interactive platform. Research and review existing tools, data sources of situation and risk information and work with respective government and other partners to identify existing risks and available indicators and datasets in the country for the construction of the national and subnational models.
4. Support the development of the theoretical framework of children's climate and disaster risk for the country context, based on that of the global Children's Climate Risk Index in consultation with TWG and relevant other stakeholders.
5. Support the development and first-time application of the conceptual design: index of indicators and metadata; data sharing mechanisms, procedures and tools; collection quality review, collation and presentation of data to TWG and associated stakeholders.

Supervisor: Emergency/DRR Specialist		Start Date: 1 November 2023	End Date: 30 June 2024 (Max 80 days within 8 months duration)
Work Assignment Overview			
Tasks/Milestone	Deliverables/Outputs	Timeline	Estimate Budget
Review of the existing materials and experience CCDRII process which includes INFORM guidance, UNICEF HQ's stock-take, and other KM materials, Cambodia's lessons including through a call with CO.	a. Update on/enhancing the existing mapping of data sources. The findings are also included in the inception report.	By 11 November 2023	20%
Development of an inception report with a workplan for the assignment	b. Inception report with proposed work plan, of 5 pages, excluding annexes	By 18 November 2023	
Elaboration of diagnosis for the identification of data, sources and holders that the country has, for the feeding of the CCDRII, including currently available data and remaining data and disaggregation gaps	c. Data and mapping and assessment report (5-7 pages, excluding annexes).	By 1 December 2023	
Conduct a participatory diagnosis of national capacities to provide reliable, objective, timely and sustainable information for the regular production of the CCDRII.	d. Diagnostic documents of data that the country has to feed the CCDRII and national capacities to provide reliable, objective, timely and sustainable information to feed CCDRII (10-15 pages excluding annexes)	By 20 December 2023	30%
Establishment of a multi-stakeholder Technical Working Group (TWG) to guide, the development of the CCDRII and support lead or co-leads in engaging and facilitating inputs of other relevant ministries, institutions, and partners.	e. TWG TOR and workplan developed and agreed by government lead, co-leads and stakeholders.	By 30 December 2023	
Participatory development of the theoretical framework of CCDRII for the country context, based on that of the global Children's Climate Risk Index in consultation with relevant stakeholders.	f. The theoretical framework of CCDRII, including a table of indicators and respective metadata, developed and agreed by the IA technical group and key stakeholders.	By 30 March 2024	

United Nations Children's Fund

Participatory development of the conceptual design per scope of work	g. Conceptual design developed and agreed by the TWG.	By 30 April 2024	30%
Collect and consolidate existing data from secondary sources according to the indicators established for the creation of the national CCDRII.	h. CCDRII table of indicators with respective metadata. Complete CCDRII with collated and quality-assured data	By 30 May 2024 By 30 June 2024	20%
Facilitation of 2 workshops and 8 coordination/TWG meetings to sensitize stakeholders on CCDRII and strengthen capacity of partners responsible for managing risk data and analysis with support of UNICEF HQ/Regional Office and UNICEF Indonesia.	Agenda, materials, list of participants developed, workshop conducted, and report submitted. Agenda would include introduction of CCDRII, learning methodologies, construction of the theoretical framework, data collection updates, model validation, dissemination and use.	By 30 May 2024	
Payment Schedule			
Deliverable 1	Outputs a,b,c,d by 20 Dec	20%	
Deliverable 2	Outputs e, f by 30 Mar 24	30%	
Deliverable 3	Output g by 30 Apr 24	30%	
Deliverable 4	Output h by 30 Jun 24	20%	
<p>Minimum Qualifications required:</p> <p><input type="checkbox"/> Bachelors <input checked="" type="checkbox"/> Masters <input type="checkbox"/> PhD <input type="checkbox"/> Other</p> <p>Social sciences, public policies, statistics or related fields. In lieu of an advanced degree, a Bachelors may be accepted in combination with 7 years of relevant experience.</p>	<p>Knowledge/Expertise/Skills required:</p> <ul style="list-style-type: none"> • At least 5 years of relevant professional experience related to the development of data information systems. • Knowledge of national and local governance and climate change and disaster risk management, of the systems. • Experience in the statistical system, data exchange and information sharing mechanisms/structures in Indonesia; this experience being in climate and disaster risk management areas will be a strong asset. • Experience of working with government partners. • Experience of working in support of, ideally facilitating, inter-institutional working groups and coordination mechanisms with multiple members and associated stakeholders • Experience in researching and preparing written analytical reports in an accurate, concise and timely manner. • Experience in organization, facilitation, systematization and presentation of results. • Analysis skills and quantitative and qualitative synthesis of information. • Skills for facilitating and managing training processes. • Excellent oral and written Bahasa Indonesia and English skills. 		