

EXPRESSION OF INTEREST FOR CONSULTANCY FIRM TO CONDUCT RISK ASSESSMENT AND DESIGN SUPPORT FOR CLIMATE RESILIENT WATER SERVICES IN BORANA (ETHIOPIA) – GCA-PR-22-182.

The Global Center on Adaptation (GCA) requests Expressions of Interest from firms and consortia with expertise on risk assessment and adaptation solutions for climate resilient catchment management. The objective of this assignment is to provide technical assistance for the identification and design of – infrastructural and non-infrastructural – measures to strengthen the climate resilience of water services for livelihoods and people in Borana region, Ethiopia through: (a) Conducting a rapid and, subsequently, a detailed climate change risk and vulnerability assessment in the Borana area in Ethiopia; (b) Identifying and designing suitable adaptation options for more climate resilient catchments. The consultancy services are required for a period of 12-months.

INTRODUCTION

The Global Center on Adaptation (GCA) is an international organization that works as a solutions broker to catalyze action and support for adaptation solutions, from the international to the local, in partnership with the public and private sector, to ensure we learn from each other and work together for a climate resilient future. Adapting to impacts of climate change provides a “win-win” for health, livelihoods, food security, water supply, human security and economic growth. The work of the GCA elevates the visibility and political importance of climate adaptation and facilitates solutions, such as smarter investments, new technologies and better planning to become more resilient to climate-related threats. GCA is a rapidly growing organization with offices in Abidjan, Beijing, Dhaka, Groningen, and Rotterdam.


The GCA has an ambitious 2020-2025 business plan with three pillars:

- Programs and Action: Food Security; Using Nature for more resilient infrastructure; Water for Urban Growth and Resilience; Climate Finance; Youth Leadership
- Knowledge Acceleration: Building adaptation knowledge globally through cutting edge products such as the State and Trends in Adaptation Report and the Knowledge Exchange Platform
- Agenda Setting and Advocacy: Formulating policy messages to move the global, regional, and local adaptation agendas forward.

AFRICA ADAPTATION ACCELERATION PROGRAM (AAP)

Africa is a priority region in GCA’s 2020-2025 Business Plan. The urgency of the compounded COVID-19 and climate crises is compelling a new and expanded effort to accelerate momentum on Africa’s adaptation efforts. The African Development Bank (AfDB) and the Global Center on Adaptation (GCA) are joining forces to use their complementary expertise, resources and networks to develop and implement a new bold Africa Adaptation Acceleration Program (AAP) to galvanize climate resilient actions through a triple win approach to address COVID-19, climate change, and the economy.

The AAP will contribute to closing Africa’s adaptation gap, support African countries to make a transformational shift in their development pathways by putting climate adaptation and resilience at the center of their critical growth-oriented and inclusive policies, programs, and institutions. It will scale up successful initiatives fundamental to African nations’ economic development, and prosperity for women and men. It will take promising ideas and early-state



programs to a regional and continental scale by developing and scaling up science-based solutions. It aims to achieve a balanced regional coverage to promote socio-economic development and poverty reduction in African countries through prioritized regional and continental initiatives implemented over the short, medium, and long term, setting the first targets for 2025. The identified four pillars of the AAAP include the following: Climate Smart Digital Technologies for Agriculture and Food Security, Infrastructure Resilience Accelerator, Empowering Youth through Jobs and Entrepreneurship, Innovative Financial Initiatives for Africa.

INFORMATION ON CONSULTANCY

The impact of climate change is acutely expressed through water, which sits at the heart of human and economic development. By 2050, demand for water will increase even further, by 55% and the number of people living with water scarcity will grow to 3.1 billion.

To meet the demands for a safe water to sustain livelihoods in Borana, the African Development Bank (AfDB) – on request of the Government of Ethiopia – has initiated the preparation of the Borana Resilient Water Development for Improved Livelihoods as an emergency response to the prolonged drought conditions in the region. GCA will provide technical assistance during the preparation and implementation of the project with a specific focus on climate change adaptation.


GCA seeks Consultant Services to support to carry out a climate risk assessment and provide technical assistance to improve catchment management to support more climate resilient water services in the Borana region (Ethiopia):

Overall objective

The objective of this assignment is to provide technical assistance for the identification and design of – infrastructural and non-infrastructural – measures to strengthen the climate resilience of water services for livelihoods and people in Borana region, Ethiopia. While identifying and designing measures, Nature-Based Solutions (NbS) will be favored when feasible.

Specific objectives:

- i) Conducting a rapid and detailed climate change risk and vulnerability assessment in the Borana area with a focus on expected climate impacts on available water resources, key livelihood assets, ecosystems, key infrastructure and understanding of the water-related customs and resilience of local communities. This will be done in a twostep process:
 - A rapid assessment – desk-based assessment using globally available data - to identify climate hotspots in the Borana region. As part of this assessment existing good practices of adaptation solutions, including Nature based Solutions (NbS), in Ethiopia and Borana region will be identified
 - Carry out a detailed climate-risk assessment in the identified hotspot areas/catchments and different characteristics that help identify suitable adaptation measures. This includes an assessment of critical flood, water stress, and heat-related risks, including estimates of future changes in temperature and frequency, seasonality, and intensity of rainfall.

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- ii) Identify suitable adaptation options for to strengthen the climate resilience of catchments to improve water services for livelihoods and people. Measures will include combination of grey, green and social investments and identify and incorporate appropriate design measures and sustainable solutions. A specific objective is to incorporate lessons learnt from previous investments in Borana.

The results of this assignment will support the preparation and implementation of the African Development Bank project 'the Borana Resilient Water Development for Improved Livelihoods.

EOI SUBMISSION REQUIREMENTS

The firm (and its partners) is expected to demonstrate the following:

1. That the firm (and consortium partners) is a registered legal entity with a track record of at least five years in the water resource and catchment management sectors including demonstratable experience in the areas of nature-based solutions, climate change adaptation, and catchment rehabilitation. Please provide an overview of relevant assignments and projects. (Maximum 30 points out of 100)
2. That the firm has a track record of at least 10 assignments or projects during the past five year that involved providing technical assistance to or collaboration with a multilateral development bank in the water sector. Please provide an overview of relevant assignments and projects. (Maximum 20 points out of 100).
3. That the firm and its partners has a strong local presence in the region and preferably in Ethiopia. Firms are strongly encouraged to form consortia with one or more local Ethiopian partners. (Maximum 30 points out of 100).
4. That the lead partner has least 10 full-time staff on the payroll with a proven ability to mobilize a team of highly qualified, international and national, experts in fields such as risk assessment and hydrological modelling, climate change adaptation, nature based solutions, water resource management, civil engineering, gender, participatory development, and economic cost/benefit analysis. Please provide your description of 10 related experience and expert CVs available for the assignment. Additional CVs will not be evaluated. (maximum 20 points out of 100).

Upon evaluation of the received expression of interest, the top six firm or consortia with a minimum score of 70 will be invited to develop a full technical and financial proposal. Given that the assignment will require multiple visits to the region and needs in-depth understanding of local culture and conditions, consortia with strong local partners are strongly encouraged.

HOW TO EXPRESS INTEREST

The GCA looks forward to EOI submissions to the following email address only:

procurement@gca.org

The closing date for submissions is **Wednesday, August 31, 2022, 18.00HRS CET**. Only those who have provided the required information in their EOI will be invited to submit proposals.