

<b>Title</b>	National Socioeconomic & Gender Expert (NSE&GE): 05/2020 EbA
<b>Project</b>	Building climate resilience of urban systems through Ecosystem-based Adaptation in the Asia-Pacific region (Urban EbA Asia)
<b>Classified Level</b>	Senior Specialist
<b>Contract Type</b>	Individual Contract (IC)
<b>Duration of the Contract</b>	Up to (25) working days
<b>Duty station</b>	Mandalay

<b>I. Brief description of project:</b>
<p>Building climate resilience of urban systems through Ecosystem-based Adaptation in the Asia-Pacific region (Urban EbA Asia) is a four-year regional GEF-funded project of the Least Developed Countries Fund (LDCF), that will be implemented by United Nations Environment Programme (headquarters) and under the supervision on a regional level by UNEP's Asia and the Pacific Office located in Bangkok, Thailand, which will work with each of the beneficiary countries to set up a national project management unit. The aim of the project is to reduce the vulnerability of poor urban communities in Asia-Pacific Least Developed Countries (LDCs) to climate change impacts using Ecosystem-based Adaptation (EbA), with interventions in selected municipalities in Cambodia, Lao PDR, Bhutan and Myanmar. Each of the four countries will benefit from the regional components that will include institutional strengthening and capacity building of city management authorities in pilot cities to plan and implement urban EbA; and disseminating knowledge and raising public awareness on urban EbA in pilot cities.</p> <p>The Climate Change Division of Environmental Conservation Department, Ministry of Natural Resources and Environmental Conservation will be the executing agency at the national level which will work to set up a national project management unit consisting of a National Technical Expert and an Administrative and Finance Officer.</p> <p>In Myanmar, Mandalay will get benefits from specific EbA interventions under the second component of the project. Interventions will be implemented to reduce the vulnerability of communities living and biodiversity habituating in and around the areas of surrounding Taung Tha Man Lake in Mandalay to reduce frequency and severity of floods and droughts. In addition, associated environmental problems of solid waste and waste water management, and eco-tourism will be addressed. The proposed interventions will include:</p> <ul style="list-style-type: none"> <li>i) restoration of the wetland area;</li> <li>ii) climate-resilient and organic farming; and</li> <li>iii) urban forestry using multi-purpose and beneficial tree species as well as drought- and flood-tolerant species.</li> </ul> <p>The planned interventions will contribute towards improving the livelihoods of the local communities and enhancing the ecosystem functioning of the Taung Tha Man Lake and surrounding area by: i) reducing pollution; ii) increasing infiltration of rainwater and recharge of groundwater; and iii) improving agricultural productivity for targeted peri-urban communities.</p>

## **II. Organizational Context**

In Myanmar, Mandalay will benefit from specific EbA interventions under the component two of the project outcome. The demonstration of the EbA interventions will contribute towards improving the livelihoods of the local communities and enhancing the ecosystem functioning of the Taung Tha Man Lake by: i) reducing pollution; ii) increasing infiltration of rainwater and recharge of groundwater; and iii) improving agricultural productivity for targeted peri-urban communities. The proposed interventions will include watershed restoration using climate-resilient species of trees and erosion and/or sedimentation control approaches. Flood-resilient species will be used in the restoration of riparian areas. The restoration of watershed areas will increase the infiltration of rainwater and groundwater recharge, as well as increase the available supply of water. In addition, medium- and long-term planning will take into account both climate change and urban development considerations and culminate in the development of management plans for the protection of watershed areas. The management plans will adopt an EbA approach ensuring the long-term conservation of watershed areas under changing climatic conditions.

The EbA interventions will be implemented to improve biodiversity and their habitats, ecosystem health and services and livelihoods of local communities within the proposed area. The adoption of an EbA approach and the implementation of watershed restoration measures will support the development of alternative livelihoods. Additional income streams will be developed through the establishment of nurseries for the supply of climate-resilient and multi-beneficial tree species and the promotion of ecotourism initiatives. The EbA interventions will be based on the recommendation from this assignment relate to the ecosystem assessment, livelihood improvement potential, socio-economic impacts including impacts on vulnerable groups, water shortage, proofing of infrastructure in the city, sustainable city and so on.

## **III. Objective of the Assignment**

The project is looking for 3 separate consultants to (1) conduct the climate change risk and vulnerability assessment, (2) collect and update data and information on biodiversity and ecology for the urban EbA intervention areas, (3) undertake assessments to identify risks and adaptation needs of the urban communities to the effects of climate change in Taung Tha Man Lake and surrounding area of Mandalay.

A Socioeconomic & Gender Expert is required to develop short- to medium-term climate risk and vulnerability maps of the community Taung Tha Man Lake and surrounding area of Mandalay including using updated climate models and socio-economic vulnerability research.

## **IV. Tasks and Responsibilities of the Consultants**

- Undertake socio-economic exposure, sensitivity, and adaptive capacity research in Taung Tha Man Lake and surrounding area of Mandalay, with a focus on vulnerable groups such as women, the elderly, disabled and youth – through both desk based and field missions
- Contribute socio-economic information to be shared with the National Climate Modelling Expert and National Biodiversity Expert prepare a report on adaptation needs based on the

results of the vulnerability mapping exercises, with a focus on the potential for healthy urban ecosystems and climate resilient community to contribute to meet these needs.

- Based on the community-based socioeconomic profiles developed, undertake capacity needs assessments and capacity development strategies for local communities and groups (NGOs, CBOs, CSOs) to enable meaningful participation in integrated landscape management, with biodiversity integrated, and for development of agroprocessing and alternative livelihood businesses.
- Consultation with relevant stakeholders to validate the initial result of assessment and finalize report;
- Provide inputs regarding the adaptation report and detail what EbA options can address perceived vulnerabilities;
- Prepare a report with specific recommendations for each intervention site and approaches
- Liaison with relevant stakeholders during the assignment including union and region government
- Develop final report of assignment together with other consultants.
- All data collected and used in the assignment should be belong/handover to the project particularly CCD, ECD
- Must be free from other assigned by other organizations rather than Environmental Conservation Department.

#### V. Deliverables

- Short- to medium-term socio-economic vulnerability of community around Taung Tha Man Lake and surrounding area of Mandalay to climate change and their vulnerability maps using the updated of socio-economic research and ecosystem assessments in collaboration with other two experts
- Report summarizing adaptation needs for and potential for services from urban ecosystems to contribute to meeting these needs, based on the vulnerability maps developed for Taung Tha Man Lake and surrounding area of Mandalay;
- Based on the community-based socioeconomic profiles, vulnerability, and adaptive capacity developed, undertake capacity needs assessments and capacity development strategies for local communities and groups (NGOs, CBOs, CSOs) to enhance the community resilience/ adaptive capacity by encouraging meaningful participation in integrated landscape formulation and management, with biodiversity integrated, and for development of agroprocessing and alternative livelihood businesses.
- Summary reports and summary to be shared with biodiversity and climate modelling expert for their work;

Deliverables	Payment	Timeline
<ul style="list-style-type: none"> <li>- Up on sign contract agreement</li> <li>- Detailed Workplan</li> </ul>	20%	After signing contract
<ul style="list-style-type: none"> <li>- Report summarizing updated on how climate projection models and scenarios related to social-economic research</li> <li>- Report with developing short- to medium-term vulnerability and risk information for selected city</li> <li>- Identify gaps in the relevant available gender and socioeconomic data and define specific project-level activities and results necessary to fill such. This should include identification of relevant studies on</li> </ul>	40%	After delivering draft report and minute of consultation of the assignment

<ul style="list-style-type: none"> <li>livelihoods, vulnerability assessments and community-level needs analyses as appropriate.</li> <li>- Summary reports to be shared with biodiversity and climate modelling expert for their work;</li> </ul>		
<ul style="list-style-type: none"> <li>- EbA adaptation options related to the socio economic for Taung Tha Man Lake and surrounding area of Mandalay;</li> <li>- Final Report</li> </ul>	40%	After delivering final report

<b>VI. Duration</b>
25 working days over 3 months starting in Nov 2020.

<b>VIII. Recruitment Qualifications</b>	
Education:	<ul style="list-style-type: none"> <li>- A post-graduate university degree in social sciences, environmental science, economics, gender studies or related field.</li> </ul>
Experience:	<ul style="list-style-type: none"> <li>- A minimum of 6 years relevant work experiences in gender and socioeconomic analysis</li> <li>- Proven experience in the development and implementation of gender responsive participatory research tools and stakeholder engagement, in community settings, as part of development initiatives, and preferably in relation to environmental management, adaptation to climate change, climate smart agriculture, or related subjects</li> <li>- Proven experience in working with and collaborating within the government of Myanmar.</li> <li>- Experience in the public participation development process associated with environment and sustainable development is an asset.</li> <li>- Experience managing GEF/environmental management project is an asset.</li> </ul>
Competencies	<ul style="list-style-type: none"> <li>- Experience using relevant software e.g. GIS, climate model analysis</li> <li>- Excellent facilitation and analytical skills</li> <li>- Excellent communication (verbal and written), interpersonal and reporting skills;</li> <li>- Ability to work in teams and accommodate multiple inputs</li> <li>- Strong client orientation;</li> <li>- Well-versed in results-based management;</li> <li>- Demonstrated planning and organizational skills;</li> <li>- Excellent skills in the usage of computers and office software packages, including Microsoft Office applications;</li> </ul>
Language Requirements:	<ul style="list-style-type: none"> <li>- Fluent in English and Myanmar, with excellent writing and verbal skills in both languages.</li> </ul>
Finance Offer	Total fee for the assignment (lump sum) including VAT and any incidentals/travel costs

Application Submission	Apply including expression of interests; cover letter; CV  Interested consultants need to submit the proposal/offers including schedule, Consultant fees and CV, two referee check person, the proposed methodology, team structure, work plan, budget and application form in the link and send to <a href="mailto:climatechange.ecd@gmail.com">climatechange.ecd@gmail.com</a> quoting "National Socioeconomic & Gender Expert (NSE&GE): 05/2020 EbA" in the subject line.
Deadline	28 <sup>th</sup> Oct 2020 (Tuesday) before 12:00 AM.

Only shortlisted consultant will be notified.

Environmental Conservation Department is an equal opportunities employer. We welcome applications from all qualified candidates regardless of race, ethnic origin, religion, age, gender, sexual orientation or disability. In an effort to improve the gender balance within the organization, qualified female candidates are strongly encouraged to apply.