

National Consulting Company /Firm (Contractual services)

Title of the Service/Assignment: Development of 5 LAPA plan for 5 AEZs with technical advice to PMU on site selection and support the implementation of climate resilient adaptation options under Component 1: Capacity building to support adaptation

Background:

Bangladesh faces significant climate risks due to its geography, affecting ecosystems, livelihoods, and infrastructure. The Integrating Climate Change Adaptation into Sustainable Development Pathways of Bangladesh project, implemented by the Department of Environment (DoE) under the Ministry of Environment, Forest and Climate Change (MoEFCC), aims to enhance climate resilience through local adaptation planning.

Limitations in institutional, systemic and technical capacity of the national, sub-national and local level institutions to address mid and long-term CCA, identify, and assess investment options are still very important issues for Bangladesh. Technical and financial access to innovative large-scale solutions under different climate scenarios will continue to be a major challenge for local technical and specialized institutions. Further, without international finance there will continue to be inadequate coordination and collaboration mechanisms for prioritization of CCA strategies and actions, and future scenario-based scientific information for adaptation planning would not be fully assessed or available. The technical capacities and abilities at all levels to optimally use available climate related information for the AEZs will continue to be limited and constrained without proper training and capacity enhancement initiatives.

Under Component 1: Capacity Building to Support Adaptation, this assignment focuses on developing 5 Local Adaptation Plans of Action (LAPAs) for 5 AEZs to support climate-resilient development and improve adaptation planning at the sub-national level.

Objectives of the Assignments:

The main objective of this Output is to address technical capacity limitations at all levels through trainings on cost benefit analysis, scenario risk-based assessment, multi-criteria-based priorities of adaptation options, etc. It will also provide technical advice to PMU on site selection and support the implementation of climate resilient adaptation options. The project will enhance the skills of staff in local level institutions by providing trainings in local adaptation plans of action (LAPA) formulation.

The consulting firm will:

- Develop **5 LAPAs** for selected AEZs.
- Provide **technical advice** to the Project Management Unit (PMU) on site selection.
- Support the **implementation of climate-resilient adaptation options**.
- Strengthen **capacity** at local institutions through training on adaptation planning.
- Establish a **tracking mechanism** for climate adaptation investments at the AEZ level.

Scope of Services:

The Government of Bangladesh adopted a climate fiscal framework in 2014 and is currently developing a tracking mechanism to capture supply and demand of climate change related investments. Instituted at the Ministry of Finance, the system is being designed, with support from UNDP, to capture ministry wide investments. Currently, the system will not be able to capture investment by the AEZs. To address this, this LDCF resources will be used to provide additional technical capacity to the Ministry of Finance to capture investments by AEZ so that gaps are monitored for equitable investment decisions. In general, Bangladesh has invested in an array of studies on economics of adaptation, which has captured information at the macro level. This information,

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however, does not support sub-national institutions to innovate, prioritize and cost adaptation investment. As a result, mobilization of resource for local level adaptation remains inadequate. Therefore, specific local level investment is identified as vital need.

The Company/ Firm will undertake the following activities under the following Outcome and Output:

Outcome 1: Enhanced capacity with improved coordination mechanisms, databases and knowledge management systems at relevant ministries and line agencies to integrate climate change adaptation into national and sub-national/local levels.

Output 1.3 Sustainable climate financing tracking mechanism facilitated at local level

The key activities under Output 1.3 are as follows:

- 1.3.1 Establish a mechanism for climate adaptation related investment decision-making and support the government to develop new projects to be funded by its own resources.
- 1.3.2 Prepare local adaptation plans of action (LAPAs) in each of the five target AEZs. The steps in preparation of the LAPA will include: (1) Collection of Climate Change scenario-based risk information (2) Vulnerability and Adaptation Assessment, (3) Prioritization of Adaptation Options, (4) LAPA Formulation, (5) LAPA Integration into Planning Process, (6) LAPA Implementation, (7) Develop and monitor the implementation of a monitoring plan that contains indicators, baselines & targets. Trainings in local adaptation plans of action (LAPA) formulation will be conducted to enhance the skills of staff in local level institutions. This will also ensure sustainability of the project intervention post closure.
- 1.3.3 Facilitate an innovative financial tracking mechanism to assist government to upscale its climate fiscal framework (CFF)

Transfer of Knowledge (training), where appropriate.

Provide Capacity Building Training for local government officials and other stakeholders on cost benefit analysis, scenario risk-based assessment, multi-criteria-based priorities of adaptation options, etc. Training will also be provided to enhance the skills of staff in local level institutions on local adaptation plans of action (LAPA) formulation.

The firm will undertake the following activities:

1 Local Adaptation Plan of Action (LAPA) Development

- **Data Collection & Risk Assessment:**
 - Compile climate change scenario-based risk information.
 - Conduct a **Vulnerability and Adaptation (V&A) Assessment** for each AEZ.
- **Prioritization & Planning:**
 - Identify and prioritize **adaptation options** using a multi-criteria assessment.
 - Develop a **financing/investment plan** for each AEZ.
- **LAPA Integration & Implementation:**
 - Align LAPA strategies with national and local development plans.
 - Develop a **monitoring framework** with indicators, baselines, and targets.

2 Site Selection & Technical Advisory Support

- Provide **technical guidance** to PMU on AEZ site selection.
- Recommend **criteria** for selecting pilot sites based on vulnerability assessments.
- Facilitate stakeholder engagement and validation workshops.

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3 Implementation of Climate-Resilient Adaptation Options

- Support implementation of site-specific adaptation measures, including:
 - Coastal afforestation & reforestation
 - Watershed management
 - Gender-sensitive livelihood diversification
- Provide guidance on integrating ecosystem-based adaptation approaches.

4 Capacity Building & Training

- Conduct training for **local government officials and stakeholders** on:
 - Cost-benefit analysis (CBA) of adaptation options.
 - Scenario risk-based assessment techniques.
 - Multi-criteria prioritization for adaptation investments.
 - LAPA formulation and implementation.
 - Climate finance tracking and investment planning.
 - Community-based adaptation planning and implementation.
 - Monitoring and evaluation of adaptation strategies.

5 Climate Adaptation Finance Tracking Mechanism

- Develop a **local-level climate finance tracking framework** aligned with the **Climate Fiscal Framework (CFF)**.
- Provide recommendations for integrating AEZ adaptation financing into national systems.
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Deliverables & Timeline:

Deliverable	Timeline
Inception Report (methodology, work plan)	1 month
Climate Risk & Vulnerability Assessment Report	3 months
Draft LAPAs (with financing plans) for 5 AEZs	5 months
Final LAPAs incorporating feedback, with one validation workshop with stakeholders, and including: (1) Collection of Climate Change scenario-based risk information, (2) Vulnerability and Adaptation Assessment, (3) Prioritization of Adaptation Options, (4) Adaptation project Formulation, (5) LAPA Integration into Planning Process, (6) LAPA Implementation, (7) Develop and monitor the implementation of a monitoring plan with indicators, baselines & targets, (8) Roadmap for LAPA implementation, (9) Site-specific adaptation plans focusing on coastal afforestation, gender-sensitive livelihood diversification, afforestation, reforestation, and watershed management	6 months
Training completion report (5 training in 5 AEZs)	8 months
Climate adaptation finance tracking framework	9 months
Support for LAPA implementation and piloting in 5 AEZs for adaptation option implementation for four years with quarterly and annual report for four years	4 years

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Qualifications of the Consulting Firm:

The firm must have:

- At least **10 years of experience** in climate change adaptation project design and implementation.
- Proven expertise in **LAPA formulation and policy integration**.
- Experience in conducting **trainings for government officials**.
- A track record of successfully **implementing adaptation strategies** at the sub-national level.
- Experience working with **public and private sector institutions** on climate resilience.
- Completion of at least **5 similar contracts**.
- A team with expertise in:
 - Climate risk assessment & adaptation planning.
 - Environmental economics (cost-benefit analysis, financing).
 - GIS and climate modeling.
 - Ecosystem-based adaptation.
 - Training and capacity-building.

Reporting & Supervision

The consulting firm will report to the **Project Management Unit (PMU)** under NPD of DoE and will coordinate with UNDP technical experts. Progress reports will be submitted quarterly to PMU for four years.

Contract Duration

The consultancy firm's engagement will span **four years** to align with the TAPP's monitoring and implementation period, ensuring ongoing technical support, periodic assessments, and capacity-building activities. The activities should commence upon signing of the contract and all tasks should be completed from the first month to four years

Budget & Payment Schedule

The payment will be milestone-based, linked to deliverables and subject to approval by the PMU.

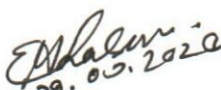
Application Process

Interested firms must submit:

- A **technical proposal** outlining the methodology and work plan.
- A **financial proposal** with a budget breakdown.
- Firm's **profile and experience** in similar assignments.
- CVs of key experts.

Evaluation Criteria

The proposals will be evaluated based on PPR-2008


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