WWF-Pakistan
Terms of References (ToRs)
Consultant – LAPAs for Keti Bunder and Kharo Chan

Development of Sectoral (agriculture and fisheries) Local Adaptation Plans of Action (LAPAs) for vulnerable communities of Keti Bunder and Kharo Chaan, Sindh

Contract type: Desk based, field work and consultation with stakeholders

WWF-Pakistan is one of the leading conservation organization of Pakistan. WWF focused on conservation biodiversity and reduce wasteful consumption of planet’s resources. Participatory and co-management approaches are amongst the key focus of WWF’s conservation work principles.

Indus delta hosts the 7th largest mangrove area in the world and is a part of the G200 ecoregion due to the array of globally significant biodiversity and associated ecosystem services in hosts. Despite this global ecological significance, the Indus delta is ranked as third delta which is at a greater risk scale globally primarily due to decrease of river flow and resultant reduction in sediment deposition, seawater intrusion, land subsidence, and sea level rise and low rainfall attributed to climate change and other anthropogenic pressures. These factors altogether are putting one of the largest and precious ecosystems of the world at a risk of shrink and degradation. The impacts of climate change on already vulnerable coastal communities in particular fishers and local food producers, their lives and life supporting systems are pronounced accelerating loss of livelihood and climate induced migration.

WWF-Pakistan as part of its Project titled as ‘Climate Change impact and adaptive challenges project through enhanced coastal resilience’ is aiming to enhance resilience of vulnerable coastal communities to climate change through inclusive development and mitigation strategies. The Project includes assessment of vulnerabilities of coastal communities to climate change and associated natural resource dependent livelihoods. The project also envisages development of local action plan of adaptation focusing on vulnerable coastal communities of Keti Bunder and Kharo Chaan in Sindh as a road map to support the integration of their vulnerabilities into polices and action-plans.

The current assignment focuses on developing sectoral (agriculture and fisheries) Local Adaptation Plan of Action (LAPA) for Keti Bunder and Kharo Chaan. The consultancy will help to develop LAPA for mainstreaming climate change adaptation into the development plans at the local level. The consultant is expected to use a range of tool including, consultations with stakeholders, updated Community Based Vulnerability research, Assessment (CVRA), FGDs,
review of published research and relevant government policies, etc. The LAPA development process will integrate a road-map for the integration of during the process of drafting of action plan with relevant provincial and national polices and associated supporting mechanisms and stakeholders for sharing with policy makers and relevant government departments for implementations and incorporation into their development and climate adaptation plans.

**Objective of assignment:**

The main objectives of Sectoral Local Adaptation Plan of Action (LAPA) on Agriculture and Fisheries are as under:

- Develop a LAPA with mitigation and adaptation options available according to the district profile of impacts of climate change on agriculture and fisheries sectors, available resources (human, financial and infrastructure), polices and implementation strategies in English and Sindhi.
- LAPA shall herald a window of lobbying and advocacy efforts at district level and also provide opportunity to gear up efforts to integrate these LAPAs into district plans of Agriculture and Fisheries Department accordingly.

The LAPA shall be shared with district level relevant authorities for their feedback to seek possibilities of influencing integration of suggested actions- into budget allocations and development plans at district level, budget allocations, utilizations etc. The Consultant should also explore private sector entities to adopt/finance the LAPAs through suggesting cross-sectoral climate finance options.

**Specific Tasks**

- Review relevant published and unpublished for Keti Bunder and Kharro Chan coastal areas, vulnerability to climate change impacting agriculture and fisheries sectors, conduct consultations with stakeholders, updated Community Based Vulnerability research, Assessment (CVRA), FGDs, review of published research and relevant government policies, etc.
- Conduct qualitative research, review and analysis using the participatory and socially inclusive approach including integration of Community based Adaptation Plan of Action at the site level if available.
- Provide details outlining LAPA development planning, delivery process, mechanisms including the cost effectiveness and benefits.
- Plan-out and share process of consultation and LAPA development including but not limited to capturing reflection of local communities, their livelihoods, government and other stakeholders during the process of development of LAPA
- Initial orientation on climate change issues, identify and prioritize the most vulnerable areas, communities, households, gender specific issues, climate induced migration including their adaptation needs and priorities.
- Conduct a training session for the staff of WWF-Pakistan, selected partners and community members on need, importance, development and monitoring of LAPA
• Integrates/incorporate climate resilience, adaptation as well as alternate livelihood options for vulnerable coastal communities in particular women food producers (fisheries, agriculture sector etc.) are the main source of livelihood and protecting mangroves.
• Develop a policy brief carrying salient features of LAPAs for sharing with policy makers
• Conduct a stakeholder mapping analysis to identify key actors and partners for the process of developing LAPA
• Ensure that LAPA development process demonstrates and integrates bottom-up, inclusive and decentralized adaptation planning to ensure the plan is inclusive and bridges the gaps between provincial and national adaptation and development policies.

Delivery on the above described work will largely require desk and field research work, synthesizing information available from websites, data sources, online publications among other materials. There is a general expectation that facts are cross-checked with key experts in and on the region and in particular. WWF-Pakistan will facilitate in arranging stakeholder consultations to capture their feedback during the development process where required.

**Required Process of development of LAPA;**

- Questionnaire and Tools Development for sectoral (Agriculture and Fisheries) LAPAs development
- Meetings/ contacts with relevant district authorities for their input during consultations, WWF
- Consultations at community, small scale holders, women farmers, academia, civil society organizations, CBOs and environment and agriculture experts
- Consultations with relevant government departments in particular Agriculture and Fisheries departments and other key stakeholders for the incorporation of their feedback in LAPAs through workshop which WWF-Pakistan will help to arrange
- Presentation of report of LAPAs at with media, policy makers, community groups and relevant stakeholders at district level.

**Deliverables**

The consultant, will be responsible for the following activities: Consultant will attach all relevant documents she/he obtains during desk review as annex with report.

- Tools including questionnaire consultations for development of sectoral LAPAs in English and Sindhi languages
- Report on Sectoral LAPAs for Keti Bunder and Kharo Chan in English and Sindhi
- Policy brief carrying key components of LAPA
- PowerPoint presentations in English and Urdu and related handouts

**Proposed Timeline**

- By end of October – tools, methodology, outlines of LAPA and stakeholder mapping (including priority interviews)
- By end- November – Draft LAPAs completed and delivery of Final Report following comments from WWF-Pakistan
Requirements for experience and qualifications

Qualifications
The successful consultant will meet the following minimum requirements:

- **Education:** At least a Masters or equivalent in Zoology (preferably marine biologist, marine environmental economist), Agricultural Economics, social sciences i.e. Anthropology, Sociology, Development Studies or related disciplines etc.
- **Experience:** 10 years of extensive field-based research experience and experience of develop or support LAPA.
- **Language:** Fluent in English, and Urdu working knowledge of Sindhi, would be an additional asset

Competencies
- The consultant should have demonstrated expertise, experience and to carry out the aforementioned tasks:
  - Familiarity with qualitative research methodologies, information collection
  - Understand relationships between poverty, environment and climate vulnerability and adaptation
  - Excellent knowledge and understanding of the Indus Delta, and coastal communities
  - Proactive and able to work with minimal supervision and a high degree of initiative, reliability, flexibility, motivation, and resourcefulness
  - Professionalism: flexibility to make ad-hoc changes as and when the need arises; ability to perform under stress; willingness to keep flexible working hours.
  - Excellent data collection and analysis skills
  - Have previous experience developing action-plans in particular LAPAs or climate change adaptation strategies

Performance indicators:

The activities should satisfactorily meet the quality and completeness of documents, accuracy of statistical data and reports, timeliness of delivery

1. **Documents to be included when submitting the proposal**
- Interested individual consultants must submit the following documents/information to demonstrate their qualifications:
  - Proposal: (i) Explaining why they are the most suitable for the work; (ii) Provide a brief methodology on how they will approach and conduct the work (work plan)
  - Financial proposal (including fee, travel cost (if any), and other relevant expenses)
• Curriculum Vitae

2. **Timeline:**

The overall time period for this consultancy from 15\textsuperscript{th} October 2020 till 30\textsuperscript{th} November 2020.