

Terms of Reference – Strengthening of Maharashtra’s State Action Plan on Climate Change

Background

The State of Maharashtra with its large population, socio-economic and cultural diversity, long coastline, different agro-climatic zones and an economy tied to agriculture, industry and services, is acutely vulnerable to future climate change. The state faces threats from recurrent droughts, heavy precipitation, floods, heat waves, hailstorms, lightening and sea level rise. Mitigation and adaptation to climate change needs to form a vital part of the overall development strategy of the state. Keeping this in view, Department of Environment, Government of Maharashtra has prepared the Maharashtra State Adaptation Action Plan on Climate Change (MSAAPCC) in 2011 that was approved by the Ministry of Environment, Forest and Climate Change (MoEF&CC) in 2014. The MSAAPCC of Maharashtra focusses on eight key sectors i.e. agriculture, water, health, forests, rural development, urban development, disaster management and energy.

Since the State Action Plan for Climate Change (SAPCC) of Maharashtra was drafted, the climate science and policy regime have evolved both in the international and national context. Over past several years, State of Maharashtra has also taken concrete initiatives to conserve water, enhance green cover, promote renewable energy as well as promote measures for livelihood enhancements of the people dependent on agriculture and natural resources.

The Paris Agreement came into being in 2015, which committed to containing the global temperatures between 1.5 to 2 °C to ensure sustainable life on earth. India, along with other countries that ratified the Agreement, drafted its Nationally Determined Contributions (NDC) and submitted the same to the United Nations Framework Convention on Climate Change (UNFCCC) in 2016. In order to achieve the NDCs of India, each state would have to align its activities and SAPCC to the objectives of the NDCs. It has to identify the key actions that it would implement to meet these objectives and identify financing opportunities while building its capacities to adapt to climate change. Considering this need, the Ministry of Environment Forests and Climate Change (MoEF&CC) has requested all states to revise their SAPCC. Government of Maharashtra has therefore decided to update the existing SAPCC as per the guidance framework provided by the MoEF&CC in May 2019. In line with the objectives of the NDCs and SDGs, the State has decided to include four additional sectors (Industries, Transport, Tribal Development and Tourism) and two cross-cutting sectors (Finance and Planning) during revision of the SAPCC.

Objective:

This Terms of Reference (ToR) aims to support Environment Department , Government of Maharashtra in revising the existing SAPCC following the guidelines/ framework provided by the MoEF&CC, GoI to align the SAPCC with National and State Government’s priorities and climate change concerns.

Scope of Work

1. **Review of existing SAPCC:** The review process will examine SAPCC of Maharashtra against common parameters like:

- Climate projections, impact and vulnerability assessment
- Identifying and prioritising evidence based mitigation and adaptation actions
- Synergies with national and international climate policy and targets like NDC and SDGs
- Linkages with the newly emerged policies/ plans/ schemes at state and central level; (sectoral plans and policies) integration into planning process
- Financing adaptation and mitigation actions with focus on better understanding of financing needs, assessing financing gaps and sources of funding along with required policy and budget
- Institutional mechanism for implementation and capacity building
- Monitoring & evaluation of recommended actions and reporting systems
- Barriers and gaps in implementation of mitigation and adaptation actions
- Measures for mainstreaming climate change actions in state budget

The components are indicative and need to be finalised in consultation with key stakeholders.

2. **Revision of SAPCC:** The revision process will use review outcome as a reference document and strengthen SAPCC documents accordingly (total 12 sectors plus a plan for Finance and Planning sectors) with special emphasis on linkages between SAPCC, Climate Change Policy, NDCs and relevant SDGs.

Expected outputs/ Deliverables:

As part of this work, proposals are invited from suitable agencies ('Service Provider') to support the Environment Department, GoM in following tasks. The agency is expected to complete and submit the proposed deliverables within stipulated timeline.

The Service provider will work in close coordination with the State Knowledge Management Centre on Climate Change and relevant officials at the Department of Environment, GoM to deliver the work as per the schedule mentioned above.

Activity/ Task	Outputs/ deliverables	Timeline (from the contract date)
Inception workshop/ meetings with all concerned line departments/ Core group and develop a template and criteria for review of SAPCC	Inception report with detailed work plan Template for SAPCC revision with criteria/parameters	Within 15 days
Review the existing SAPCC to highlight gaps in existing SAPCC, provide recommendations to address	Brief report (upto 4 pages) on gaps and recommendations (preferably wrt scientific evidence and	Within 25 days

the gaps and prepare Table of Content (ToC) of the revised SAPCC	vulnerability assessment) and ToC of revised SAPCC (in line with guidelines of MoEF&CC)	
Data collection to update climate projections for Maharashtra and its implication on various sectors of the economy.(i.e specific impacts, climate risks, and socioeconomic consequences and costs of projected impacts) include missing sectors like; Industries, Transport, Tribal, Tourism	Chapter on climate projections and impacts	Within 2 months
Stakeholder consultations to prepare sector wise climate mitigation and adaptation action plans (identify barriers and gaps in implementation of mitigation and adaptation actions)	Chapter on Sector-wise action plans (<i>Note: There will be total 12 sectors plus a plan for Finance and Planning departments</i>)	Within 3 months
Prioritisation of the recommendations listed under action plan for each sector using the climate change impact assessment and in line with latest climate science and projections.	List of prioritised recommendations for each sector	Within 4 months
Map the SAPCC recommendations to establish linkages with new national initiatives and India's NDCs and SDGs	List of recommendations- linked with new initiatives, NDCs and SDGs	Within 4 months
Prepare financing plan for each recommendation and sector in consultation with relevant departments/ stakeholders (agencies responsible for implementation, required policy and budget)	Chapter on estimated budget and indicative financing plan to support implementation of SAPCC actions.	Within 5 months
Prepare monitoring and evaluation framework for each recommendation/ action.	Chapter on M&E framework along with narrative of proposed methodology.	Within 6 months
Draft of the revised SAPCC to be submitted for input/ feedback by the nodal department, State Steering Committee and MoEF&CC	Draft of the revised SAPCC	Within 6 months
Validation of the draft version of the revised SAPCC with Government and Non-government stakeholders. Further data collection and consultations may be needed.	Brief validation report with findings based on consultation.	Within 7 months

Submission of the final version of the revised SAPCC to Government, for approval	Final version of the revised SAPCC	Within 8 months
Facilitate approval of the revised SAPCC by the State Steering Committee and MoEF&CC	Presentations, notes etc., as required by the nodal department	As and when needed - within the project timeline

At all stages, draft outputs will be submitted for comments to the Environment department. Final outputs, incorporating any comments, will be submitted to the Department for final sign-off.

Draft reports for all deliverables would be required to be submitted at least a week in advance of the final delivery date.

Expertise:

The firm should have:

- Minimum 8 years of experience and technical expertise in the field of climate change adaptation and mitigation, development plans and policies and in engaging and liaising with different government and non-government stakeholders in India. Prior experience of working with the Central and State governments and nodal departments especially in Maharashtra will be a plus.
- Excellent understanding of the International, National and State's priorities and policies related to climate change.
- Multidisciplinary team having 5- 10 years of experience of working in the sectors relevant to Maharashtra's SAPCC i.e. agriculture, forestry, water, environment, rural development, urban development, energy, disaster management, health, finance, planning, transport, tribal development, tourism and industries.
- Minimum 5 years of experience in the field of climate projections and vulnerability assessment, climate proofing in priority sectors like agriculture and water, monitoring and evaluation and capacity building.
- At least 5 years of experience in documentation and editing related to climate change and development issues in India at national or sub-national level.
- Excellent reporting and writing skills with the ability to coordinate inputs from a wide variety of sources and stakeholders.
- Prior experience of preparing State Action Plan on Climate Change or similar documents for one or more State will be an added advantage.

Overall the work will be managed by the Environment Department, GoM (nodal department for climate change in Maharashtra) with input from other officials.

Work-plan:

Duration of this work will be between August 2019 to July 2020.

Estimated budget:

Estimated budget for this work should not be more than INR 20 lakhs (including fixed and reimbursable cost and all taxes).