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Formulation of Eco-village Development Plan and Technical Support for Implementation of Pilot Eco-village Project

1. Background

Climate change has been recognized as one amongst the various challenges faced by the nation, along with increasing population, poverty alleviation and environmental degradation. Government of India has made significant progress with respect to formulation and preparation of multi-pronged, long term and integrated strategy for climate change, achieving the key goals in the context of mitigation and adaptation aspects to climate change. Government of India released the National Action Plan on Climate Change (NAPCC) in 2008 with eight missions in specific areas of energy, habitat, water, sustaining Himalayan ecosystem, forestry, agriculture and strengthening the scientific knowledge on climate change. Subsequently, all States/Union Territories have also prepared the State Action Plan on Climate Change (SAPCC), to address state specific issues on climate change.

2. Project Objective and Description

The project titled 'Climate Change Adaptation in Rural Areas of India Phase (CCA RAI)', being implemented GIZ under the bilateral cooperation of MoEFCC, aims to integrate climate adaptation and mitigation measures into the national and state development planning. In order to achieve this, the project has the following components:

- Capacity building at national level
- Demonstrating approaches to integrate CCA into planning process
- Technical support in accessing National and International climate finance
- Capacity development at the state level and Knowledge Management

3. Scope and objective of the assignment

Government of Himachal Pradesh has recently launched Eco Village Scheme through Department of Environment, Science & Technology (DEST) which intends to demonstrate a model of environmentally sustainable development at the village level in active collaboration with local communities. In the first phase five villages have been identified to be developed as eco-villages which are village *Tepra* in Bilaspur district, village *Deothal* in Sirmour district, village *Janjehli* in Mandi district, village *Charau* in Shimla district and village *Kamraoo* in Kinnaur district. In order to implement the scheme, guidance on designing the Eco-village Development Plan with concrete activities (as per the notified guidelines) is needed for the local authorities. CCA-RAI in partnership with DEST aims to prioritise high impact climate change adaptation issues and implement measures to address the challenges arising due to climate change, resource depletion and related environmental challenges as well as strengthen skills to deal with such challenges. In this context, overall objective of the assignment is to develop Eco-village Development Plan for two identified villages and support its implementation.

4. Tasks for the assignment

In this context, the selected agency is expected to carry out following tasks:

Task I: Develop Eco-village Development Plan for two identified villages-- Village *Charau* in Shimla district and village *Janjehli* in Mandi district

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- Detailed literature review for baseline (including climate trends for last 30 years if available), future climate projections (short term and mid-century) & its impact on the two villages and mapping of key environmental & disaster risk related issues.
- Community level resource mapping and vulnerability assessment using participatory tools like PRA, FGD etc. to understand the baseline climatic trends and its impact on the life and livelihood of communities and natural resources in the two villages
- Identify the current and potential impacts of climate change and resource depletion on the ongoing activities and the life and livelihood of the communities in the selected village through corroboration of scientific and community level findings
- Developing a list of strategies to addresses environmental, climate change and resource depletion related challenges in line with the guidelines for Eco-village Scheme notified by the State Government available at http://desthp.nic.in/notifications/Eco-Village_Guidelines_Web.pdf Review of the current government development programmes/ schemes that are ongoing in the identified district with focus on addressing identified challenges related to climate change, resources depletion and other environmental issues.
- Stakeholder consultation and prioritisation of programmes/ schemes and strategies to be implemented based on identified criteria vis-à-vis climate change, resources depletion and other environmental issues.
- Coordination with DEST on leveraging funds available for Eco-Village Scheme as well as coordination and liasioning with state line departments and local government institutions to identify entry points for convergence with various other projects/ schemes
- Mapping and selection of the potential actors who will be involved at the district, block and panchayat level
- Preparing a detailed plan of action in the form of Eco-village Development Plan (one for each village) including convergence with other schemes/ programmes with clear indicators on the future environmental/ adaptation benefit to implement the prioritized strategies including M&E plan, implementation mechanism, steering structure and budget for the proposed Plan.
    - Activities should contribute to:
        - reduce and/or manage environmental and climate change related risks
        - build response capacities,
        - build capacities at local level necessary to strengthen resilience
        - safeguarding sustainable development economic, social, environmental benefits
- Facilitate a one-day workshop and present action plan for consultation with key stakeholders in the State

Task II: Technical support for implementation of Eco-village Development Plan at village Janjehli in Mandi district as per plan of action

- Orientation workshop with identified government departments and other relevant institutions before initiating the implementation and creating awareness about the Eco-village Development Plan and identified activities.

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- Coordinating and implementing activities over a period of 12 months as per the plan of action. The detailed project information with activities that need to be implemented by mobilising funds from existing government schemes.
- Develop a detailed M&E plan for project duration as per the agreed framework. Regular data collection and monitoring of the activities and submission of periodic reports to DEST and GIZ. Assess qualitative and quantitative impacts of interventions (economic, environment and social).
- Facilitate training workshops for district, block and Panchayat level officials on eco-village development plan
- Identify successful interventions and develop case studies

5. Deliverables

The consultant will undertake activities with the following deliverable/output:

No.	Deliverables	Number of days
1	Inception report including detailed work plan	10 days
2	2 reports on Eco-village Development Plan for Village *Charau* in Shimla district and village *Janjehli* in Mandi district	45 days
3	Technical support for implementation of Eco-village Development Plan at village Janjehli in Mandi district as per plan of action - Regular technical and financial reports as per an agreed template during the implementation phase - Report on training workshop - Documentation of overall approach for implementation	150 days

6. Duration of the Contract

205-person days over the period of 8 Months (Nov 2018- June 2019)

7. **Place of assignment**

Himachal Pradesh (with ravel to Shimla and Mandi districts) and New Delhi

8. Coordination and Supervision

The identified organization/ agency will work in coordination with DEST and under overall direction Director-DEST and Director- Climate Change, GIZ.

9. Required qualification/ experience for the consulting agency

a.* Agency *should have following experience in conducting the assignment:

The agency is required to submit detailed technical and financial proposal comprising a profile that contains the current CVs and summary of relevant professional experiences of both—organizational as well as individual experts.

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- Experience and technical expertise in the field of water conservation, agriculture, watershed management, climate change and socio-economic impact assessment of rural development projects.
- Experience of working on climate change especially on climate adaptation issues with experience of climate proofing and CCA project development like proposal writing for National Adaptation Fund for Climate Change (NAFCC).
- Familiarity of State level plans and policies related to NRM including SAPCC especially in Himachal Pradesh is highly desirable
- Experience and knowledge of working with local government bodies and district administration on rural development, agriculture and water sectors
- Experience in ground work including primary data collection, supporting implementation and M&E of projects, in natural resources management in the region (preferably Himachal Pradesh) and in providing consultancy services in rural development.
- The agency should have proven ability to mobilize resources and support from various like Departments both at the State level and at the district level as well as mobilizing community support.
- Excellent reporting, writing and presentation skills
- Prior experience of working with GIZ or other multi-lateral/ bilateral organizations would be preferred

b. Agency should have following administrative and financial requirement in conducting the assignment:

- Average annual turnover for the last three financial years should be at least 100,000 Euro
- Number of employees as at 31.12.2017 should be at least 20
- The technical assessment is only based on reference projects with a minimum commission value of 25,000 Euro

c. Profile of experts

Team Leader

- Advanced degree in environment/ economics/ climate change/ rural development or a related field from a recognised and reputable institution;
- At least 10 years of professional experience with 5 years related to climate adaptation/ DRR/ NRM/ environmental/ energy related project development and implementation, CSR etc;
- Experience and understanding of local level issues and concerns for designing and implementing climate change adaptation/ DRR/ NRM projects;

2 Thematic experts on Climate Change adaptation/DRR/NRM Expert:

- Advanced degree in environment/ economics/ climate change/ rural development or a related field from a recognised and reputable institution;
- At least 5 years of professional experience in climate change adaptation/ DRR/ NRM related issues;
- Proven experience in vulnerability assessment, developing and implementing adaptation projects

- Experience and understanding of local level development and climate change and environmental issues and concerns;

2 Associate Experts

- 2-3 years knowledge of experience the field of natural resource management, rural livelihoods, agriculture, environment.
- Experience and understanding of local level development and climate change and environmental issues and concerns;

2 Documentation Specialists

- 2-3 years of experience of documentation and editing related to climate change, environment and development issues.
- Experience and understanding of local level development and climate change and environmental issues and concerns;

10. Payment schedule

- 40% Advance (on signing of contract)
- 30% interim payment (on submission of draft Eco-village Development Plans and submission of implementation schedule)
- 30% final payment

11. Submission Requirements

- Detailed technical and financial proposal
- Profile of the individual/institute/organization
- Scanned copy of PAN Card
- GST registration number, if applicable