**National Committee for Sub-national Democratic Development Secretariat (NCDDS)**

**Agriculture Services Programme for Innovation, Resilience and Extension (ASPIRE)**

**TERMS OF REFERENCE**

District Climate and Landscape Analysis Specialist (Short Term Consultant)

# General Background

The Royal Government of Cambodia has received financing in the form of a loan (USD26.1 million) from the International Fund for Agricultural Development, a grant (USD15 million) from the Adaptation for Smallholder Agriculture Programme Trust Fund, and Government funding (USD11.4 million) from the Ministry of Economy and Finance to implement the Agriculture Services Programme for Innovation, Resilience and Extension (ASPIRE) for the Ministry of Agriculture, Forestry and Fisheries (MAFF). The total programme costs are forecast at approximately USD 52.5 million (excluding contributions from USAID and beneficiaries) and will cover a seven-year implementation period across ten provinces: Kampong Chhnang, Pursat, Battambong, Preah Vihear Kratie Kampot, Kondal, Prey Veng, Svay Rieng and Takeo province.

The goal of ASPIRE is to reduce poverty and increase the resilience of poor and vulnerable smallholder farmers in the Kingdom of Cambodia. And the main development objective is that enhanced models of agricultural services are formulated and put into practice by 2021 in order to assist a diversity of smallholder farmers to contribute to broad-based economic growth through profitable and resilient farm businesses.

The National Committee for Democratic Development at Sub-National Level (NCDD-S) is the Implementing Agency for Component 4 of ASPIRE, Climate Resilient Infrastructure. Component 4 contributes to Outcome 3 of ASPIRE,” At least 120,000 smallholders have improved and resilient farm businesses as a result of integrated, demand led extension services and investments in climate resilient infrastructure.” It is planned that there will be around 70,000 direct beneficiaries of investments in climate resilient infrastructure by sub-national administrations at District and Commune levels. Through synergies with NP-SNDD and with other interventions of NCDD-S supporting climate change adaptation at sub-national level, ASPIRE will contribute to mainstreaming Climate Change Resilience into Sub-National planning and finance systems. It is planned that up to 30 Districts and 180 Communes/Sangkats will receive financing in the form of Performance Based Climate Resilience Grants. In addition, NCDD-S will facilitate smooth cooperation between the sub-national administrations and the agriculture activities of ASPIRE.

The ASPIRE Financing Agreement was signed between RGC and IFAD on 05 March 2015 and the program will become fully operational by July 2015. Accordingly, RGC is seeking the services of qualified individuals to fill a number of advisory, technical specialists and programme support positions at national and sub-national levels.

In 2018 ASPIRE Component 4 of NCDD Secretariat implements climate change planning and execution of priority actions in 107 communes, 24 districts in Kampong Chhnang, Pursat, Battambang, Preas Vihea, Kratie, Preyveng, Svay Rieng and Kampot provinces.

ASPIRE Component 4 is implemented by NCDD-S and co-finances (with Commune/Sangkat Fund) climate resilient productive infrastructure in selected target districts. There are two financing instruments: an annual allocation of approximately USD 50,000 per district known as Performance Based Climate Resilience Grant (PBCRG), and a larger, one-time project grant known as a Specific Investment Climate Resilience Grant (SICRG). Component 4 will target 24 Districts, with each District receiving three annual PBCRG followed (subject to satisfactory performance) by one SICRG.

At present, the DCRS are developed by aggregating the Commune VRA-based resilience plans without consideration of the wider landscape implications of potential inadvertent negative impacts of individual commune plans with one another, nor capitalizing on potential synergies between them. The enhanced DCRS will adopt a landscape approach for enhancing hydrogeological and soil fertility functions, as well as for minimizing risk from extreme climatic events. This exercise would need to draw on GIS tools, and available climate and historic disaster data, for strategic [micro] sub-watershed planning that transcends individual Commune boundaries. This process will be linked to design of the larger Specific Purpose Climate Resilience Grants for which project preparation should take place in 2018 (01 District), 2019 (15 Districts) and 2020 (8 Districts).

# Objective of the Assignment

The objective of the assignment is to enhance District Climate Resilience Strategy (DCRS) and develop the SICRG proposal for a target district.

# Scope of Work

The **District Climate and Landscape Analysis Specialist** will perform the assignment by carrying out the following activities:

1. Study carefully and reach a full understanding of the NCDD-S Programme;
2. Study carefully and reach a full understanding of the PBCRG;
3. Study carefully and reach a full understanding of the SICRG;
4. Study carefully and reach a full understanding of the DCRS;
5. The process for the enhanced DCRS will consist of the following steps:

* Historic climate and disaster data analysis and GIS [micro/sub] watershed mapping by Integrated Landscape Management specialists;
* Ground trothing at Commune level;
* District workshop(s) to review findings of commune level VRAs to identify key landscape level climate change and natural resource management challenges that need addressing within (intra) and between (inter) communes;
* DCRS developed and priorities integrated into District Development Plan (DDP);
* Specific Purpose Climate Resilience Grants deployed based on DCRS and DDP identified priorities validated at commune level.

1. Conduct the consultation meeting to develop the SICRG project proposal;
2. Finalize and submit the SICRG project proposal.

# Outputs

The required outputs of the assignment are:

1. A work plan for the DCLAS and SICRG project proposal development;
2. A Final Report in MS PowerPoint format including:
   1. A brief report of the activities of the service provider;
   2. The results of the DCRS update and SICRG project proposal;
3. A final update of DCRS and SICRG project proposal.

Reports will be submitted in Khmer and English language.

# Timing and Duration

The assignment should commence on 14th December 2018 and be completed by 31st January 2018.

The total staff inputs required for the DCLAS is estimated to be 45 days.

# Supervision and Reporting Line

The DCLAS will work under the direct supervision of the ASPIRE Component 4 Climate Resilience Specialist of NCDD-S and under the overall management of the ASPIRE Component 4 Program Manager of NCDD-S. The DCLAS will cooperate closely with staff of ASPIRE Component 4 teamwork at NCDD-S, provincial and district administrations as needed.

# Support from NCDD-S

NCDD-S will provide the following support:

1. Detailed methodology for the PBCRG;
2. Orient on the PBCRG and SICRG;
3. Liaison with provincial and district administrations to facilitate arrangements for the DCRS review and SICRG project development;

The DCLAS will be fully responsible for all costs of his / her travel, accommodation, office supplies, communications, equipment etc.

# Qualifications Required

The Climate Change Monitoring and Evaluation Specialist will have the following qualifications:

* Graduate degree (master’s preferred) in social science, environmental science, climate change, GIS or another relevant discipline;
* Has at least seven years professional experience;
* Strong background in climate change adaptation including experience of preparing DCRS with GIS, PBCRG system, SCCRG system or similar tasks;
* Strong understanding of the impacts of climate change on Cambodian rural communities, and suitable strategies for climate change adaptation;
* Experience of working with government officials (substantial experience working with sub-national governments preferred);
* Strong numeracy;
* Native Khmer speaker, strong English language skills preferred.

ASPIRE Component 4 of NCDD-S will take into account the preference to select a gender balance to update DCRS and SICRG project proposal.

# Payment milestone

1. 30% upon contract singed
2. 70% submission the final report