TERMS OF REFERENCE(TOR)FOR

SOCIAL ENUMERATOR (DISTRICT LEVEL)

IN UTTARAKHAND CLIMATE RESPONSIVE RAINFED FARMING PROJECT

PROJECT NUMBER- P179357

Ref No. 01/11-12(5)/UCRRFP/2024-25

1. PROJECT OVERVIEW

The Watershed Management Directorate, Uttarakhand, will implement the Uttarakhand Climate Responsive Rain-fed Farming Project (UCRRFP). The project development objectives are to improve the resilience of the production system to make mountain farming GHG emissions competitive and profitable in selected micro-watersheds of Uttarakhand. UCRRFP is a six-year project to be operational from 2024 to 2030. The project cost is USD 138.05M (IBRD: USD 96.2M, State Govt. USD 34.19M & Beneficiary: USD 7.66M).

2. PROJECT DESCRIPTION

Uttarakhand, a hilly state agriculture, is pre-dominantly rain-fed and remains vulnerable to moderate to extreme weather conditions. Sustaining increased agriculture outputs in a rapidly changing climate will require adaptation at a faster pace. Enhancing food security while reducing GHG Emissions from farming practices will require a transition to production systems that are more productive, use input more efficiently, have greater stability in outputs and are resilient to short and long term climate variability.

Uttarakhand Climate Responsive Rainfed Farming Project (UCRRFP) will be implemented in 06 hilly districts and 02 plain districts of Uttarakhand covering about 1000 villages and comprising of 56 Micro watershed clusters.

3. RESULT INDICATORS

The following Key Performance Indicators (KPI) are proposed for measuring the core outcomes of the project:-

- KPI #1:- Reduction in GHG emissions from representative cropped land parcels (CRI).
- KPI #2:- Increase in productivity of selected crops
- KPI #3:- Increased water discharge in sample spring sheds
- KPI #4:- Farmers adopting climate smart agriculture technologies and practices promoted by the project.

- KPI #5:- Farm Income at HH Level with/without UCRRFP.

4. PROJECT COMPONENTS

Component A- : Developing Resilient and GHG-efficient Production Systems (USD 46.84 million)

The objective of the component is to improve productivity through land treatment and development while enhancing fertilizer efficiency, water productivity, and mitigating greenhouse gas emissions. The component establishes the groundwork for the project to transition cultivation towards an optimal input usage pattern, resulting in lower input costs and increased average income for farmers. Within this component, priority will be placed on expanding controlled irrigation coverage, encouraging protected cultivation, recultivation of fallow lands, fostering agricultural diversification, and bolstering farmers' income through varied livelihood options. Utilizing a landscape approach grounded in land-use capability, the project will furnish high-quality inputs and implement early warning advisory systems to facilitate the adoption of ecologically sensitive and diversified production systems. A decision support system for Climate-Smart Agriculture (CSA), grounded in evidence, will be established through strong partnerships with leading scientific entities, both within the state and at the national level. These collaborative partnerships will generate knowledge products through co-creation, frequently involving pilot communities.

Component B – Science-based Development of Resilient Springsheds (USD 62.71 million)

To build climate resilient watersheds with the support of participating communities, watershed and spring-shed management interventions shall be carried out. These initiatives would help in resolving the issues of availability of water for irrigation purposes which is critical for building the resilience of the marginal mountain farmers whose farming is totally rain-fed. To increase productivity, the project will provide both technical and farming inputs to the farmers in agriculture, horticulture, and allied sectors (fishery & livestock with small ruminants). Hence, under this component, depending upon the activities, the project will promote climate-resilient agricultural practices, intensive / semi-intensive farming models, exploring agriculture horticulture options, mixed / inter-cropping, etc., based on its feasibility. Reducing the cost of cultivation through

natural farming / organic farming, promotion of carbon farming models, achieving nutrient use efficiency, etc. will also be the points of intervention under the component.

Component C- Enhancing Income Resilience through Agribusiness (USD 14.78 million)

The foremost goal of the project is to bolster the economic resilience of farmers, with a special focus on mountain communities. To achieve this, the project will invest in fortifying the agricultural marketing systems. This involves uniting farmers into federations, offering value-added services, establishing comprehensive supply chains, and ensuring less carbon-intensive/carbon-neutral logistics for agricultural products. The initiative also aims to foster the growth of agricultural enterprises by establishing Agri-Business Growth Centres in remote regions. To promote inclusivity and fairness, the project will extend non-agricultural livelihood opportunities to marginalized households within the project villages.

Component D – Project Management, Monitoring & Evaluation, and Learning (USD 13.72 million)

Supported by a consortium, the project aims to establish a knowledge hub within the Project Management Unit (PMU). This hub will analyze, synthesize, and document diverse methods, practices, and strategies essential for optimizing natural resource usage, reducing greenhouse gas emissions, fostering resilient integrated farming systems, and improving marketing inputs. Additionally, this component encompasses overseeing the institutional framework, coordination, monitoring, evaluation, and overall project management under the purview of the PMU.

PROJECT AREA-

The project will be operational within the state of Uttarakhand. The total project area will cover about 2.38 lakh hectares of land spread in 58 Micro watersheds in 8 districts. About 1000 villages with an approximate 76000 HH and approx. 3.81 lakh population will benefit by the Project outcome.

THE PROJECT PERIOD-

The project duration is 6 years and the project cycle in each GP will be 5 years in the following three phases:

- Preparatory phase: - First year
- Implementation Phase: - Four years.
- Withdrawal Phase: - Sixth year

PROJECT IMPLEMENTATION ARRANGEMENTS

The UCRRFP is based on a joint relationship among three entities: (i) village communities and GPs; (ii) WMD; and (iii) Consortia of Science Research Institutes. All these three stakeholders will fulfill their respective roles and responsibilities for the project to be successful. Specifically, the roles of each entity are:

Village Community and GP: Will plan and implement the project.

WMD: Provide overall coordination and assist the village communities and GPs.

SCOPE OF WORK:

To support in carrying out Household surveys, transect walks, PRA Exercises, Wealth ranking, and Collecting data for preparing Gram Panchayat Resilient Plan (GPRP) in the identified Gram Panchayats of the concerned project districts.

DELIVERABLES:

- Completion of targeted Household surveys, transect walks, PRA Exercises, Wealth ranking, and Data collection.
- Preparation of GPRP.

ESSENTIAL QUALIFICATIONS

- The candidate should be a Graduate in Social work or Sociology.
- He /She should have minimum experience of 1 year in related work.

DESIRABLE QUALIFICATIONS

- Preference would be given to the candidates with minimum three years prior experience in watershed projects.

Note: Relevant documents regarding essential and desirable qualifications should be attached.

TERMS AND CONDITIONS:

- The Candidate must not have been terminated by any organization previously due to non-performance.
- Service-related terms and conditions will be disclosed at the time of the contract.

TERMS OF PAYMENT

- Monthly, based on the satisfactory report from the concerned authority.

REPORTING:

- The enumerator shall report to the DPMU- UCRRFP/ Deputy Directors of concerned districts.

WORK STATION

- The Enumerator would be based in the DPMU- UCRRFP, and will make field visits to project areas for assigned duties.

DURATION OF ASSIGNMENT

- The assignment is initially for two months, with the possibility of extension upon mutual agreement if required.

REMUNERATION:

- A total of Rs. 25,000, inclusive of all expenses.

ARBITRATION

- In the event of any dispute between the enumerator and Deputy director, the Project Director, WMD will be the arbitrator.

OWNERSHIP

- Watershed Management Directorate of Uttarakhand will have ownership of all the documents and materials developed. The enumerator will have no right of claim to the products developed and shall not replicate them without prior consent of WMD.