

**TERMS OF REFERENCE (TOR) FOR
M&E SPECIALIST (DPMU LEVEL)
IN UTTARAKHAND CLIMATE RESPONSIVE RAIN FED FARMING PROJECT
PROJECT NUMBER- P179357
Ref No. 04/11-12(5)/DPMU//UCRRFP/2024-25**

1. Project Overview

Uttarakhand Climate Responsive Rain-fed Farming Project (UCRRFP) will be implemented by the Watershed Management Directorate, Uttarakhand. The project development objectives are to **"Improve resilience of production system to make mountain farming GHG Emission 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 being a hilly state agriculture is pre- dominantly rain-fed and remains vulnerable to moderate to extreme weather conditions. Sustaining increase 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 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 58 Micro watershed clusters.

3. Result Indicators

The following Key Performance Indicators (KPI) 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 simultaneously 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, re-cultivation of fallow lands, fostering agricultural diversification, and bolstering farmer's 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 processes.

Component B – Science-based Development of Resilient Spring-sheds (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 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 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 Centers 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 analysis, 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.

5. PROJECT AREA-

The project will be operational within the state of Uttarakhand. Total project area will cover about 2.38 lakh hectare 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 be benefited 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 following three phases:

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

PROJECT IMPLEMENTATION ARRANGEMENTS

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

NEED FOR CONSULTANCY SUPPORT

The key objective of the proposed consultancy is to assist in assessing the impact of project initiatives in developing resilient and GHG-efficient Production Systems, watershed and spring-shed management interventions and enhancing income resilience through agribusiness. Also the Results Frame Work of the Project identifies the key outcome and results indicators that are to be monitored and evaluated during the course of this project. Monitoring and Evaluation strategy would be required to disseminate Project information and educate all the stakeholders about the various project interventions and facilitate monitoring arrangements in the project (Internal Monitoring, External Monitoring, Social Audit, Environmental and Social Safeguard, Monitoring Evidence based monitoring). Being a demand driven and people-led project, it becomes imperative to disseminate information about the project initiatives to the targeted local institutions (e.g. GPs, RVCs, VPs, MGs, UG/JLG, Water User Groups and FIGs), project partners, state level stakeholders (e.g. Universities and research institutions) and various government supported programmes (e.g. State and Govt. of India). It will also help in evaluation of the Project impacts in relation to the various state, national and global goals and objectives with respect to poverty alleviation, equity and climate change.

This consultancy support is proposed for field divisions of UCRRFP, the consultant is expected to be stationed in the DPMUs office- i.e., either Tehri Garhwal, Uttarkashi, Rudraprayag, Pauri, Almora, Nainital of the UCRRFP.

SCOPE OF WORK

- Popularizing participatory monitoring and evaluation and Sensitizing the stakeholders regarding project sustainability.
- Provide assistance in preparation of the annual work plans (AWP) and budgets for different component activities according to budget.
- Monitor the monthly, quarterly, six monthly and annual reports on project MIS/dashboard.
- Provide assistance in preparation of outcome budgeting and economic survey.
- Analyse the findings of M & E Consulting agency for making a road map for initiating corrective measures in project interventions.
- Contributing to knowledge sharing and best practices under the project in the division under the guidance of the Deputy Director.
- Empowering and promoting the community in maintenance of assets and Documentation of success stories/experiences.
- Provide assistance of Statistical analysis of field data especially for KPIs and preparation of various reports as required by DPMU and PMU.
- Coordinate with Sector specialist, PMU team and other project stake holders to promote sharing of science-based studies and new technologies to ensure project outcomes like resilience, climate change risk mitigation improved rainfed agricultural productivity and water resource management.
- Other duties to be performed as per requirement of the project at divisional level.

JOB DESCRIPTION

Location of Job: DPMU, UCRRFP, for any of the Project Districts.

Reporting Line: Deputy Director, UCRRFP.

ESSENTIAL QUALIFICATION

The candidate should have-

- a) Post Graduate or equivalent degree in Statistics /Economics or any degree in relevant field.
- b) He/She should have at least 05 years of experience related to Monitoring and Evaluation in rural development/watershed /livelihood projects.

DESIRABLE QUALIFICATIONS

- a) Higher qualification in Statistics / Economics or any degree in relevant field.
- b) Having experience in externally aided /National/International projects.
- c) Excellent analytical and problem-solving skills and strong organizational, communication and interpersonal skills.
- d) Ability to work effectively in a team interacts persuasively with a range of stakeholders, and travel extensively.

AGE LIMIT: 25-50 Years.

TERM AND CONDITION

- Candidates Services should not have been terminated by any organization due to non-performance.
- Service related term and condition will be disclosed at the time of contract.

REMUNERATION:

Depending on qualification, experience and competency of the candidate, the salary is negotiable.

PERIOD OF SERVICE:

The contract shall be initially for a period of 6 (Six) Months through direct contract and on satisfactory performance would be shifted to Human Resource Providing Agency. There will be a provision of further extension on an annual basis up to the end of the project, subject to satisfactory performance as assessed by the Deputy Director, UCRRFP.
