

Government of Nepal
Ministry of Forests and Environment
Building a Resilient Churia Region in Nepal (BRCRN)
Project Management Unit
Babarmahal, Kathmandu

Terms of Reference

Position:	Technical Officer (Watershed Management)		
Programme/Project Number:	GCP/NEP/076/GCF		
Duty Station:	Provincial Project Management Units (Itahari – Province I, Bardibas - Madhesh province and Sindhulimadi - Bagmati province)		
Expected Start Date of Assignment:	January 2023	Duration:	A total 5 months period up to July 2023
Reports to:	Title: Provincial Project Coordinator		

GENERAL DESCRIPTION OF TASK(S) AND OBJECTIVES TO BE ACHIEVED

Background

The project “Building a Resilient Churia Region in Nepal” (BRCRN) was approved by the 24th meeting of the Board of the Green Climate Fund (GCF) in November 2019, and is Nepal’s first full-size GCF project. FAO, as the nominated Accredited Entity (AE) for the project, is responsible to the GCF for implementation of the project and is also co-Executing Entity (EE) with the Ministry of Forests and Environment (MoFE) of the Government of Nepal (GoN). The BRCRN project is being implemented in 26 critical river systems in the southeast region of Nepal, covering parts of Provinces I, Madhesh and Bagmati, linking the Churia hills and upper Terai, and aims to promote widespread adoption of climate-resilient land use practices, confront the challenges of deforestation and forest degradation, better maintain the forest ecosystem in the Churia hills, and build resilience to climate-induced hazards.

The Project Management Unit (PMU) has been established at the MoFE and led by a full-time National Project Director (NPD). The PMU is responsible for implementation of project activities according to the Annual Work plan and Budget (AWPB). The MoFE has established three provincial PMUs; one each in Provinces I, Madhesh and Bagmati, collectively named as PPMUs. The PPMUs will provide operational leadership in managing the Government’s co-finance and GCF funding component of the BRCRN project, within their respective jurisdictions, according to the regulations and guidance set out in project documents. They will be mainly responsible for field coordination and organizing provincial level planning to develop provincial level AWPB for delivery and oversight of project activities at the province and local level.

In this context, there is a need for technical guidance, supervision and quality control of soil and watershed conservation related structural works in BRCRN river systems. For this, PMU will be recruiting technical officers (watershed management) at three provinces to be stationed at PPMU. The Technical Officers (watershed management) will work in close consultation with the Engineer, Technical Officer (Forestry), Gender and Safeguard Officer and other officers in PPMU. Also works closely with the related officers in President Chure Tarai Madhesh Conservation Development Board, Program Implementation Unit; provincial forest and agriculture ministries; municipalities/rural municipalities; Koshi river basin management centres and relevant CBO Beneficiaries to support in developing detailed technical specification, technical standard guidelines including bid documents to hire service providers for construction works, supervise civil works during construction of check dams, gully stabilization measures and other local infrastructure including bioengineering measures. Technical Officer (watershed management) will submit a field report to PPMUs with detailed information about structure type, location, total cost and resource leveraging possibility at local level.

B) Scope of Work

Tasks

Under the overall guidance from the BRCRN National Project Director, in direct supervision from Provincial Project Coordinator (PPC) and in close consultation with PMU forestry specialist, PPMU officers, FAO TA and in coordination with Soil Conservation Officers and Divisional Forest Officers, the consultant will undertake the following activities:

Roles and responsibilities of Technical Officer (Watershed Management) will be as follows:

- Provide technical support to CBOs (CFUG/LFG/CoFM) in the implementation of Soil Conservation and Watershed Management activities in close consultation with Soil and Watershed Management Office (SWMO)
- Design and implement on farm conservation (conservation farming) activities guided by the Critical Ecosystem Restoration Plan (CERP), Climate Change and Land Use (Planning CCLUP) in consultation with Community Based Forestry and Agriculture Committee (CBFAC) and concern municipality.
- Design and facilitate climate friendly small scale infrastructure (water source protection, catchment pond rehabilitation, small scale irrigation renovation, gully control, landslide treatment etc.) for climate change adaptation in line with AWPB
- Transfer the technology related with bio-engineering for soil conservation (on-farm/off-farm)
- Promote farm forestry (agroforestry) activities in farmer's land by planting multi story crop for diversified benefit and fodder/forage to increase stall feeding practice and reduce open grazing in forest with cost benefit analysis
- Mobilize Farmer Field School (FFS), eco clubs, CBOs in the extension of soil conservation and watershed management and lead famers for technology transfer as Local Resource Person (LRP).
- Assist to Technical Officer (Forestry) in Forest Management activities in CF, LHF, CoFM, and Public Land Forest (PLF) as planned in AWPB.
- Support for the establishment and operation of on farm nursery (multipurpose-forest fodder, fruit, forage, NTFFP) and ensure the quality seedling production for plantation/replacement in coordination with Technical Officer (Forestry).
- Support in formation of public land forestry group, mobilization and plantation including its management in coordination with Technical Officer (Forestry).
- Design and delivery of training on soil conservation and watershed management and climate change to CBOs (CFUG/LFG/CoFM), stakeholders and farmers in support of district level service provider and experts and follow-up of the training
- Mobilize CBFAC of the river system and CBOs of the project area in planning, implementation, monitoring of the activities implemented in the project area.
- Support and monitor FFS and eco-clubs and mobilize towards the environmental conservation in their livelihoods with low carbon foot print
- Coordinate with municipalities, CBFAC, CBOs, CSOs, Schools, DFO staff, Soil and Watershed Management Office staff and other province level stakeholders for the implementation of CERP.
- Mainstream Environmental and Social Management Plan (ESMP), Gender Aaction Plan (GAP) and Indigenous Peoples Plan (IPP) in each activity of the project as cross cutting theme of the project.
- Support to prepare/adopt communication materials related to soil conservation and watershed management, Low carbon foot print and lead in dissemination using the forum LRP, Lead farmer, eco-clubs, farmer's field schools and others as appropriate.
- Assist to PPC in soil conservation and watershed management technology related matter and represent the project at local and provincial level forum

- Involve in annual work plan and budget preparation of PPMU as a team member.
- Prepare ToR of soil conservation and watershed management related local consultants, facilitate in selection process, contract, and mobilization in the field
- Involve in monitoring and reporting with documentation and enrich Churia Knowledge Centre (CKC)
- Undertake assignments as assigned by the PPC.

C) Qualification and Experience of Consultant

- **Bachelor degree with two years of proven experiences in soil conservation and watershed management or Master's degree in Watershed Management or related field with at least 2-year experience in Forestry or Watershed. (Revised)**
- Proven experiences of planning, implementation, monitoring and evaluation of integrated watershed management activities;
- Experiences on implementing soil conservation, bio engineering and ecosystem restoration works.
- Proficiency in Microsoft office products;
- Proficiency in both spoken and written English;
- Strong inter-personal skills and excellent oral communication skills.

Note : A higher degree in related field will get added value. Preference will be provided for highly experienced expert and the experience of expert after bachelor degree shall only be considered for evaluation.

D) Estimated Input Time/Days

The consultant shall provide his/her service for 125 estimated input days in a regular basis over 5 months period. The consultant shall have to work onsite at client office. The payment of consultant shall be based on the actual input days. However, it shall not exceed the total estimated input days.

E) Time for commencement and completion of assignment by the consultant

The expected date for the engagement of consultant for the above mentioned service is tentatively from January 2023 and up to July 2023 with possibility of extension. An extensions are subject to operational needs, consultant performance, and continued availability of funds.

F) Details of the information, physical facilities and equipment to be provided by Public Entity to the consultant

Client will provide the physical office space, internet connection, stationery and printing facility while working. The consultant him/her self shall arrange other requirement like transportation vehicle, laptops/computer and necessary software required etc.

G) Deliverable/Expected outputs:

- Design and implement on farm conservation (conservation farming) activities
- Design and facilitate climate friendly small scale infrastructure
- Promote farm forestry (agroforestry) activities in farmer's land
- Design and delivery of training on soil conservation and watershed management and climate change to CBOs
- Mobilize CBFAC of the river system and CBOs of the project area in planning, implementation, monitoring of the activities

- Coordinate with municipalities, CBFAC, CBOs, CSOs, Schools, DFO staff Soil and Watershed Management Office staff and other province level stakeholders for the implementation of CERP
- Mainstream ESMP, GAP and IPP in each activity of the project
- Prepare ToR of soil conservation and watershed management related local consultants and service providers
- Develop AWPB in coordination with PPC
- Enrich CKC with documentation of good practices