

TERMS OF REFERENCE (TOR)

For

Hiring Individual Consultant (Civil Engineer - 2) for supervising watershed restoration activities - LK-MOMDE-512515-CS-INDV
Integrated Watershed and Water Resources Management Project (IWWRMP)
Ministry of Agriculture, Land, Livestock and Irrigation

1 Background

The Integrated Watershed and Water Resources Management Project (IWWRMP) is a World Bank-funded initiative implemented under the Ministry of Agriculture, Land, Livestock and Irrigation. As part of the project investments, the initiative aims to improve watershed conditions, enhance water resource management, and strengthen institutional capacities for sustainable water management.

Under the Watershed Restoration Component, the project will implement various interventions including soil conservation structures, riverbank stabilization, small hydraulic structures, rehabilitation of watershed infrastructure, and restoration of degraded areas. To support the effective planning and implementation of these activities, the Project Management Unit (PMU) intends to engage a qualified Civil Engineer as an Individual Consultant.

2 Objective of the Assignment

The objective of this consultancy is to provide technical support for the planning, design, implementation, supervision, and monitoring of watershed restoration works under the IWWRMP, ensuring compliance with engineering standards, environmental safeguards, procurement guidelines, and project timelines.

3 Scope of Services and Key Tasks

The Consultant shall carry out, but not be limited to, the following tasks:

3.1 Technical Planning and Design

- Conduct field assessments, site investigations related to watershed restoration activities.
- Prepare and or Review engineering designs, drawings, BOQs, cost estimates, and technical specifications for proposed interventions.
- Review and verify technical documents submitted by Consultant IWMI and IAs, field teams, and other stakeholders.
- Ensure all designs comply with national standards, safety requirements, and World Bank guidelines.

3.2 Implementation Support

- Provide technical guidance during procurement processes for works, goods, and services related to watershed restoration.

- Support contract management, including technical clarifications and variation assessments.

3.3 Supervision and Quality Assurance

- Conduct regular site inspections to monitor progress and ensure quality implementation of civil works.
- Verify contractors' compliance with specifications, safety standards, and environmental and social safeguards.
- Identify and report construction issues and recommend corrective actions.
- Certify work completion levels for payment processing, where required.

3.4 Monitoring and Reporting

- Prepare periodic progress reports on the implementation of watershed restoration works.
- Maintain updated documentation, including site records, drawings, and supervision notes.
- Provide technical inputs for quarterly, semi-annual, and annual project reporting.
- Assist the PMU in maintaining monitoring indicators related to civil engineering interventions.

3.5 Coordination and Capacity Building

- Liaise with government agencies, project field offices, community groups, and contractors.
- Provide technical guidance and on-the-job training to field staff involved in watershed restoration.
- Participate in review meetings, technical discussions, and field missions.

4 Reporting & Deliverables

- The Consultant will report to the **Project Director – IWWRMP** or a designated representative.
- Attendance sheet for the each month with daily records shall be submitted along with the approved advance programme. Payment will be made on monthly basis for the work done.
- The Consultant will work closely with the technical team and field staff.

The Consultant shall deliver the following additional outputs:

1. **Monthly Progress Reports** – detailing field activities, issues, supervision findings, and recommendations.
2. **Site Inspection Reports** – after each field visit.

5 Duration

The Consultancy assignment expected to be completed within one year from the date of commencement.

6 Qualification Requirements

6.1 Academic Qualifications

- Bachelor's Degree in Civil Engineering from a recognized university / institution.

6.2 Experience

- Minimum **5 years** of post-qualification experience in civil engineering works.
- Proven experience in watershed restoration, irrigation structures, soil conservation, rural infrastructure, or similar fields.
- Experience in supervising construction works and preparing engineering designs and BOQs.
- Familiarity with World Bank-funded or other donor-funded projects will be an added advantage.

6.3 Skills and Competencies

- Strong knowledge of civil engineering standards and construction practices.
- Ability to prepare technical drawings (AutoCAD or similar software).
- Excellent report-writing and communication skills.
- Ability to work in field conditions and coordinate with multiple stakeholders.

7 Facilities Provided by the Client

The PMU will provide:

- Office space, furniture, and utilities at the PMU when required.
- Flexibility for the Consultant to work within the project areas of **Kandy, Nuwara Eliya, and Badulla**.
- Access to project vehicles for field visits, subject to availability.
- Relevant project documents, data, and administrative support.

8 Confidentiality and Ownership

All documents, reports, designs, and data produced during this assignment shall remain the property of the IWWRMP. The Consultant shall maintain confidentiality of project information.

9 Selection Method

The Consultant will be selected according to the **Individual Consultant (IC) Selection Method** under the World Bank Procurement Regulations for IPF Browsers – July 2016 revised November 2017 and August 2018.