

Terms of Reference (TOR)

Technical Officer – Full Time Basis

(Hub-01 & Hub-02 offices) - (Level PS 6 or equivalent of consultancy base)

Background

The Smallholder Agribusiness and Resilience Project (SARP), a project jointly financed by the International Fund for Agricultural Development (IFAD) and Government of Sri Lanka, aims to build resilience and market participation of 40,000 rural households in the climate change affected districts of Anuradhapura, Vavuniya, Matale, Mannar, Puttalam and Kurunegala. This is pursued through capacity building for climate resilience and inclusive value chains, combined with investments for climate resilience and inclusive value chains including last mile infrastructure. The lead programme agency is the Ministry of Agriculture, which would be establish a dedicated project management unit (PMU) at central level and two regional hubs the implementation of SARP.

Scope of work

Under the overall guidance of the Project Director the Technical Officers will take overall responsibility for the planning, supervision and implementation of the cascade/ sub-watershed infrastructure (Tank rehabilitation and feeder road works etc). In particular the technical officer (s) will:

- He/ She will support the PMU in planning agricultural water management and irrigation activities in the designated command areas
- He/She, together with the Watershed and Irrigation engineer (s), will check the designs of various interventions for cascade/ sub-watershed infrastructure.
- Assist to Watershed Development and Irrigation Engineer(s) to organize and conduct training to project counterparts and IA/ ARPA staff and the communities in the preparation of natural resource management plans.
- Select sites, and design measures based on their technical feasibility and assess the inputs and materials needed for construction and rehabilitation.
- Appraise the feasibility of the cascade/ sub-watershed infrastructure in (technically, financially, and socially) and provide guidelines on the preparation of contracts.
- Assist to Watershed & irrigation Engineer(s) and organize trainings for AIs, service providers, and farmers in all aspects of irrigation and water harvesting activities.
- Assist Watershed & irrigation Engineer(s) to train the communities on the O&M of the developed infrastructure.
- Review the work performance of consultants, contractors, and other service providers related to the infrastructure, prepare monthly detailed reports, and submit them to the Senior Project Engineer/ to Watershed & irrigation Engineer(s).
- Ensure adequate quality control and quality assurance of the surveying works and construction works.
- Maintain an up-to-date record of the infrastructure activities, indicating clearly the planned vs the actual status of the progress of all the civil infrastructure-related activities.
- Carry out post-review of completed works, indicating the performance considering the utilization of key parameters - manpower, machinery, and materials.
- Prepare periodic physical and financial infrastructure works progress reports, including a list of critical issues related to the progress of the works and feasible solutions, and submit them to the Senior Project Engineer through Watershed Development and Irrigation Engineer(s).
- Work together with the Implementing agencies to verify the interim payment certificates without delaying the financial progress.

- He/she will report to the Senior Project Engineer through Watershed Development & Irrigation Engineer(s).

Qualifications and experience:

Area of qualification / experience	Expected level of qualification / experience
Education:	
Secondary Education	She / He should have a Higher National Diploma & National Diploma in Civil Engineering technology (NVQ level 6) or National Certificate in Technology (NCT) in Civil Engineering (NVQ level 5)
Working experience:	At least 7 years post-qualifying experience working on irrigation & Road Projects for NVQ level 6 Or At least 12 years post-qualifying experience working on irrigation & Road Projects for NVQ L -5
	<p>Conversant with the Construction supervision and execution of hydraulic structures such as embankments, spillways, sluices and channels and micro irrigation systems</p> <p>Conversant with survey, design and construction supervision of feeder road.</p> <p>Conversant with irrigation management and command area development.</p> <p>Technical skills and experience precontract (Surveying, estimation and preparation of bidding documents etc.) & Post Contract (Quality assurance & Quality control of supervision works, verifying of interim payment certificates etc.)</p>
Other qualifications and experience	<ul style="list-style-type: none"> • Computer literate • Strong inter-personal skills • Strong analytical skills • Fluency in English and Sinhala and preferably Tamil will be an added advantage

Monthly consultancy fee: Equivalent to PS 6 level for Based on the Management Services Circular 01/2019

Duty station and location: District Offices /Hub offices with frequent travel to the project sites.

Duration of services – 24 person months. Initially, the contract will be assigned for a period of twelve (12) months and its extension will be based upon performance evaluation.